

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
 Data File : VX040332.D
 Acq On : 19 Feb 2024 15:49
 Operator : JC/MD
 Sample : VX0219MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/20/2024
 Supervised By : Mahesh Dadoda 02/20/2024

Quant Time: Feb 20 01:16:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	90677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	157554	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74278	55.061	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.120%			
35) Dibromofluoromethane	5.385	113	55563	50.499	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.000%			
50) Toluene-d8	8.647	98	201215	48.889	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.780%			
62) 4-Bromofluorobenzene	11.079	95	79725	47.495	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21028	20.530	ug/l	97
3) Chloromethane	1.294	50	21410	20.270	ug/l	99
4) Vinyl Chloride	1.374	62	21580	19.334	ug/l	97
5) Bromomethane	1.605	94	14857	23.587	ug/l	99
6) Chloroethane	1.685	64	13066	18.561	ug/l	97
7) Trichlorofluoromethane	1.886	101	34127	19.039	ug/l	97
8) Diethyl Ether	2.130	74	13104	19.461	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	19600	20.384	ug/l	96
10) Methyl Iodide	2.453	142	22022	20.630	ug/l	92
11) Tert butyl alcohol	2.953	59	21682	82.514	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	18674	20.171	ug/l	92
13) Acrolein	2.233	56	20255	83.514	ug/l	99
14) Allyl chloride	2.666	41	34209	21.293	ug/l	95
15) Acrylonitrile	3.062	53	65381	111.205	ug/l	99
16) Acetone	2.373	43	67329	121.522	ug/l	97
17) Carbon Disulfide	2.514	76	40361	16.514	ug/l	97
18) Methyl Acetate	2.703	43	30205	20.337	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	70912	21.742	ug/l	99
20) Methylene Chloride	2.788	84	24688	22.905	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	20031	18.998	ug/l	96
22) Diisopropyl ether	3.757	45	74886	22.983	ug/l	98
23) Vinyl Acetate	3.721	43	324580	111.747	ug/l	98
24) 1,1-Dichloroethane	3.611	63	41660	21.950	ug/l	99
25) 2-Butanone	4.550	43	95098	109.806	ug/l	97
26) 2,2-Dichloropropane	4.477	77	30267	20.716	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	24389	20.277	ug/l	99
28) Bromochloromethane	4.897	49	20421	25.342	ug/l	98
29) Tetrahydrofuran	5.001	42	59852	106.078	ug/l	99
30) Chloroform	5.092	83	43578	21.237	ug/l	99
31) Cyclohexane	5.470	56	31732	19.721	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	35053	20.305	ug/l	97
36) 1,1-Dichloropropene	5.696	75	30139	19.554	ug/l	100
37) Ethyl Acetate	4.715	43	33969	19.807	ug/l	98
38) Carbon Tetrachloride	5.678	117	26437	18.040	ug/l	95
39) Methylcyclohexane	7.379	83	32609	18.205	ug/l	93
40) Benzene	6.037	78	86537	20.077	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19801	21.779	ug/l #	94
42) 1,2-Dichloroethane	6.086	62	34696	20.595	ug/l	98
43) Isopropyl Acetate	6.336	43	55547	20.748	ug/l	99
44) Trichloroethene	7.123	130	22714	19.105	ug/l	91
45) 1,2-Dichloropropane	7.427	63	23872	21.279	ug/l	97
46) Dibromomethane	7.580	93	16927	20.487	ug/l	99
47) Bromodichloromethane	7.824	83	31468	19.766	ug/l	98
48) Methyl methacrylate	7.690	41	27745	20.254	ug/l	93
49) 1,4-Dioxane	7.659	88	9821	329.552	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	191043	104.519	ug/l	99
52) Toluene	8.720	92	56849	20.136	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	31810	17.933	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	35096	19.670	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	23326	19.372	ug/l	95
56) Ethyl methacrylate	9.116	69	36102	20.027	ug/l	99
57) 1,3-Dichloropropane	9.305	76	39976	20.340	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	87010	102.034	ug/l	95
59) 2-Hexanone	9.427	43	150401	103.782	ug/l	99
60) Dibromochloromethane	9.519	129	22681	18.488	ug/l	98
61) 1,2-Dibromoethane	9.610	107	24054	18.793	ug/l	100
64) Tetrachloroethene	9.275	164	19874	19.534	ug/l	97
65) Chlorobenzene	10.079	112	59083	19.499	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	19673	18.747	ug/l	96
67) Ethyl Benzene	10.195	91	109893	20.364	ug/l	99
68) m/p-Xylenes	10.299	106	80820	39.655	ug/l	95
69) o-Xylene	10.640	106	39316	19.851	ug/l	94
70) Styrene	10.652	104	66472	20.187	ug/l	99
71) Bromoform	10.799	173	14913	16.500	ug/l #	97
73) Isopropylbenzene	10.963	105	105938	19.868	ug/l	99
74) N-amyl acetate	10.841	43	48127	21.057	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	38072	19.874	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	32561m	21.240	ug/l	
77) Bromobenzene	11.195	156	25332	20.115	ug/l	97
78) n-propylbenzene	11.305	91	132466	20.520	ug/l	97
79) 2-Chlorotoluene	11.366	91	77538	19.891	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	89585	19.957	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8637	18.248	ug/l	94
82) 4-Chlorotoluene	11.451	91	91210	19.748	ug/l	99
83) tert-Butylbenzene	11.713	119	85170	19.353	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	89672	19.745	ug/l	100
85) sec-Butylbenzene	11.890	105	113565	20.079	ug/l	98
86) p-Isopropyltoluene	12.006	119	92064	19.857	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47528	19.047	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	49399	18.696	ug/l	99
89) n-Butylbenzene	12.329	91	86870	19.411	ug/l	97
90) Hexachloroethane	12.536	117	12971	17.737	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	47541	19.681	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8383	18.960	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	30002	18.142	ug/l	97
94) Hexachlorobutadiene	13.725	225	11156	16.903	ug/l	98
95) Naphthalene	13.774	128	100620	19.264	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	30083	19.084	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

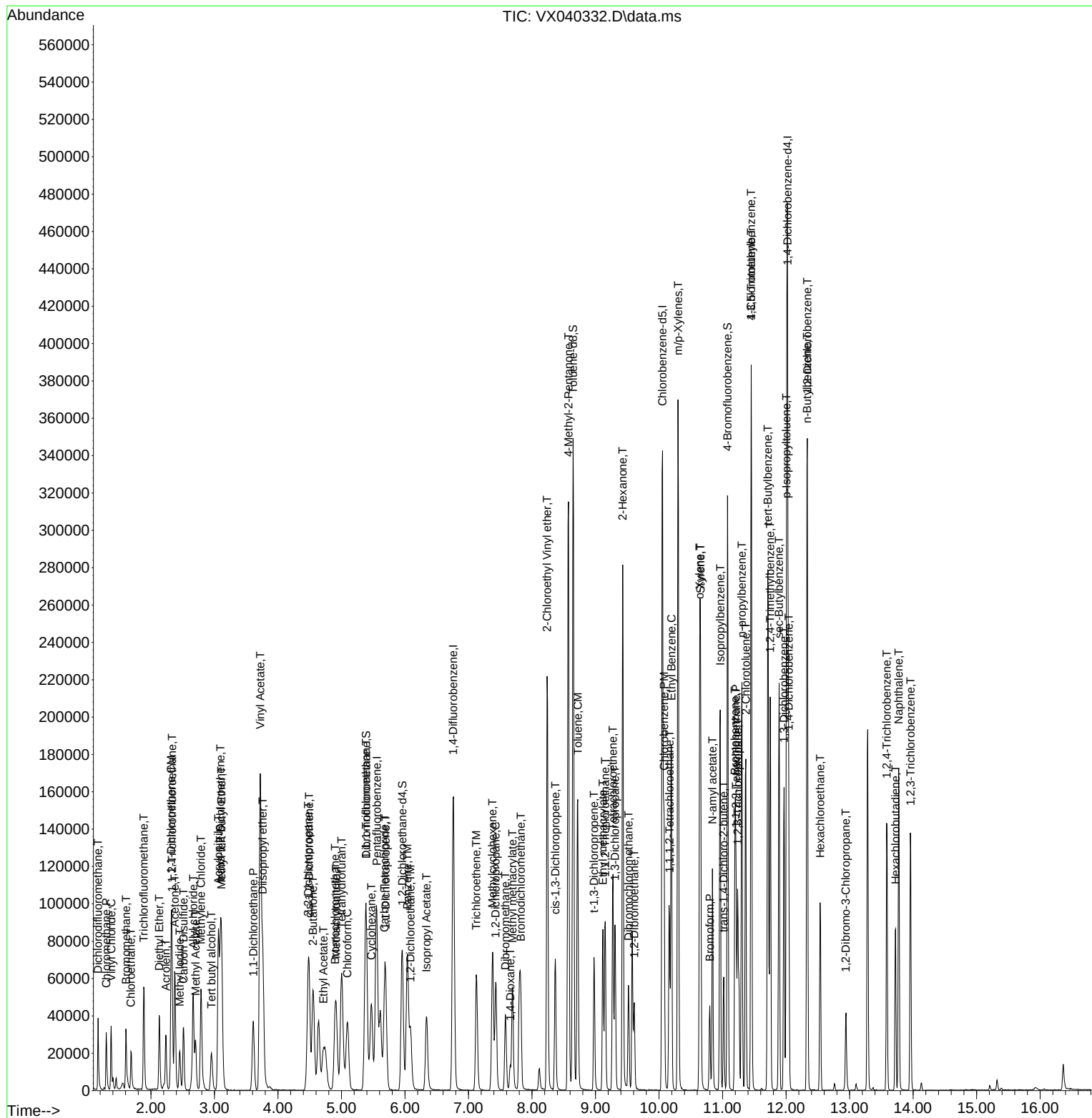
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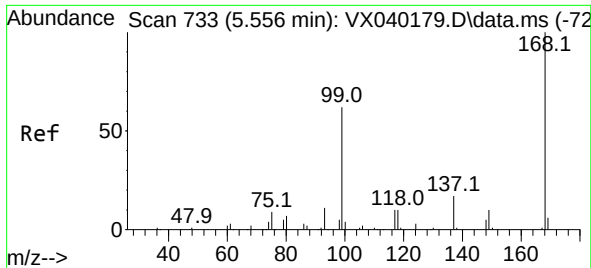
Instrument :
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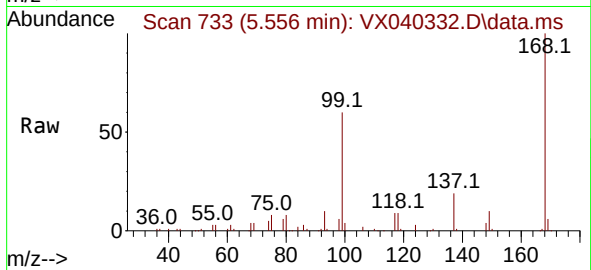
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040332.D
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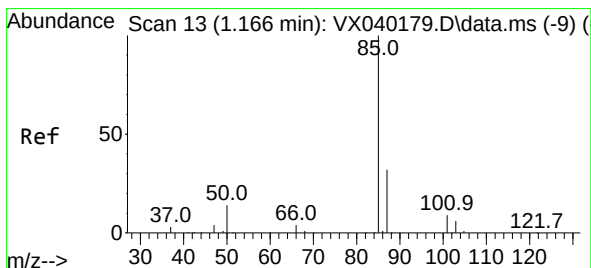
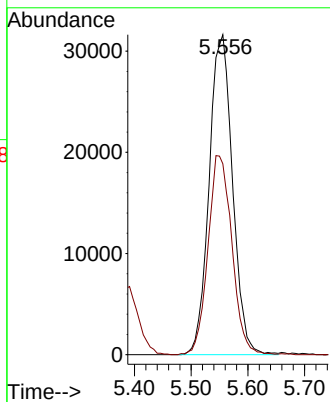
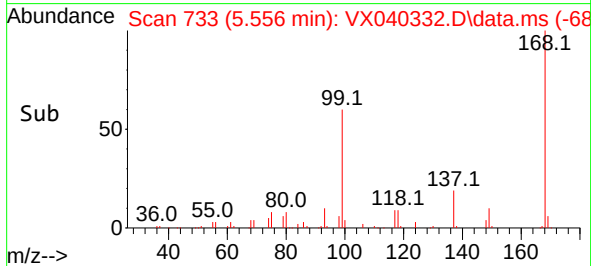
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01



Tgt Ion:168 Resp: 9067
Ion Ratio Lower Upper
168 100
99 59.6 56.6 85.0

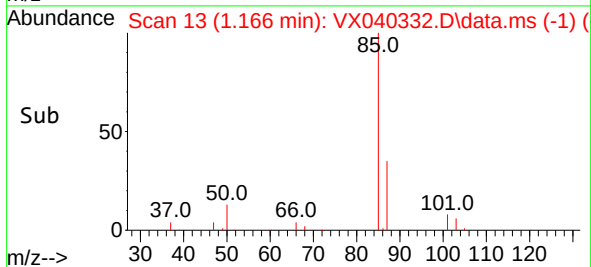
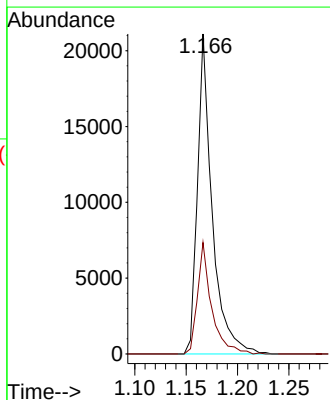
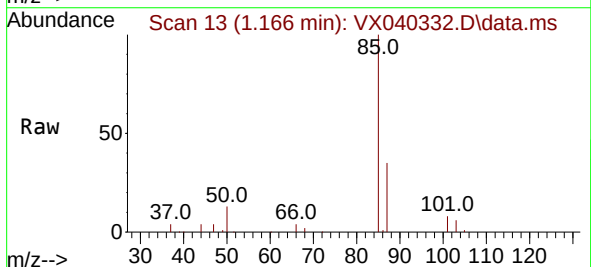
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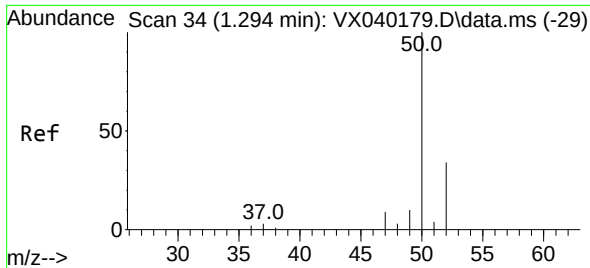
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#2
Dichlorodifluoromethane
Concen: 20.530 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Tgt Ion: 85 Resp: 21028
Ion Ratio Lower Upper
85 100
87 34.8 16.7 50.1





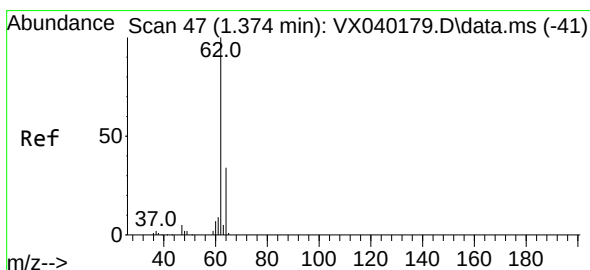
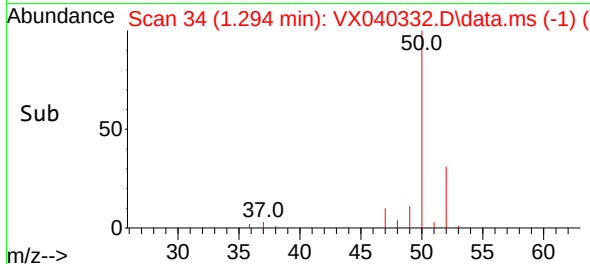
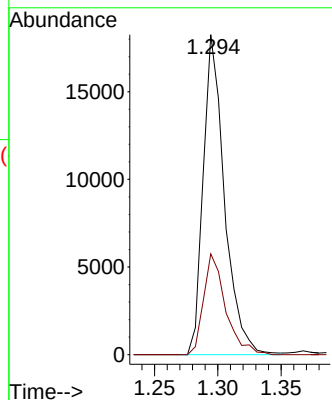
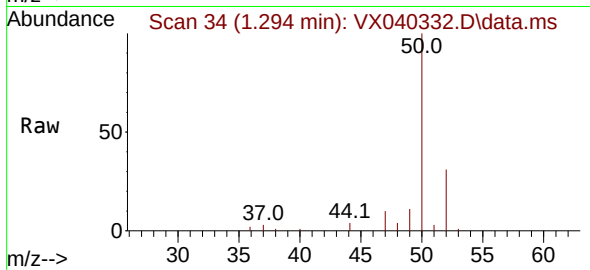
#3
Chloromethane
Concen: 20.270 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 21410
Ion Ratio Lower Upper
50 100
52 31.5 25.5 38.3

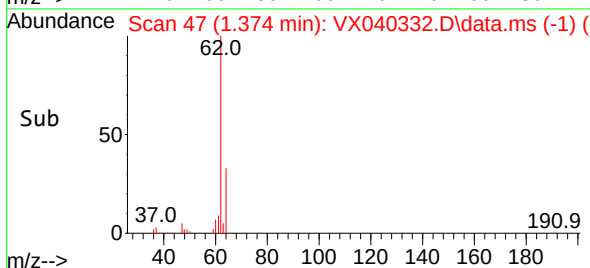
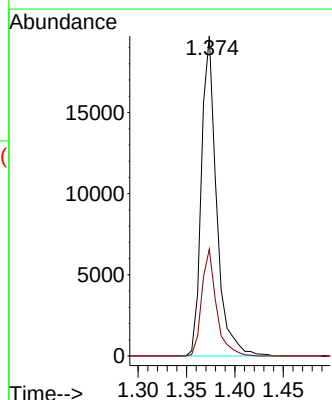
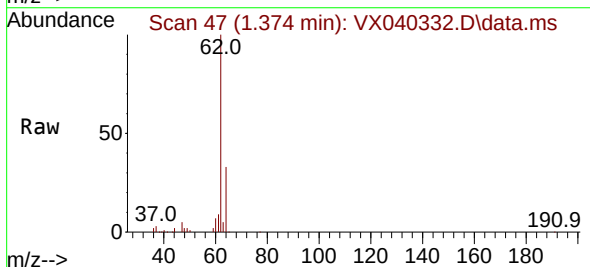
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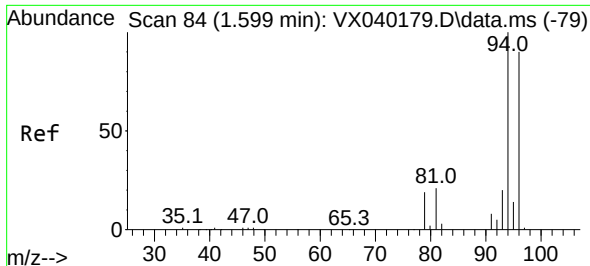
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#4
Vinyl Chloride
Concen: 19.334 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

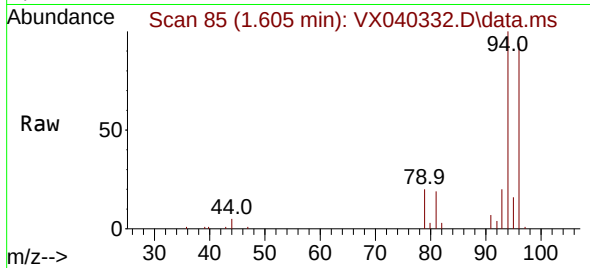
Tgt Ion: 62 Resp: 21580
Ion Ratio Lower Upper
62 100
64 33.4 25.4 38.0





#5
Bromomethane
Concen: 23.587 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX040332.D
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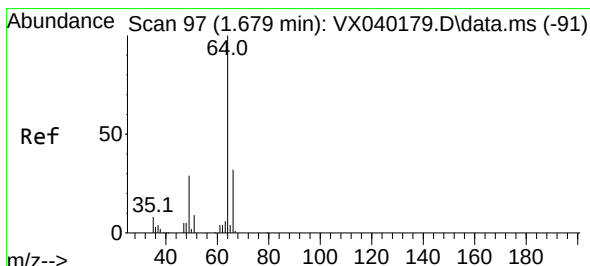
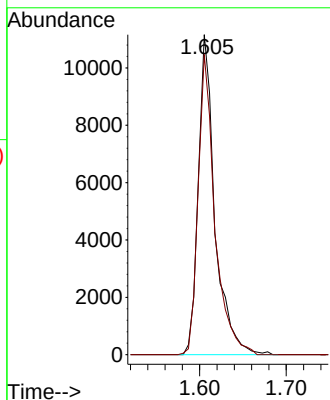
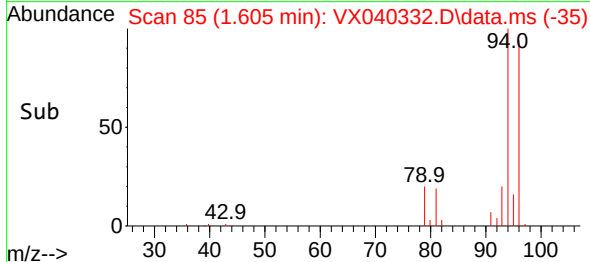
Instrument :
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Tgt Ion: 94 Resp: 1485
Ion Ratio Lower Upper
94 100
96 93.8 74.6 111.8

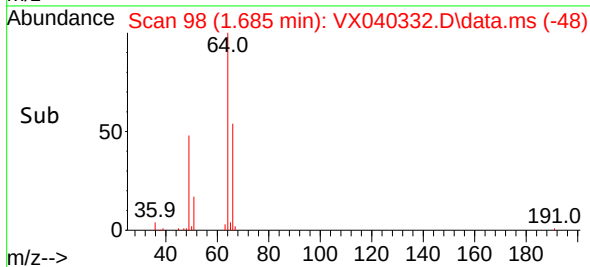
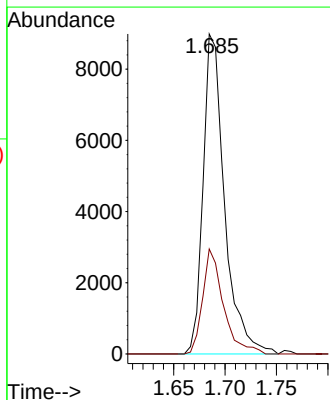
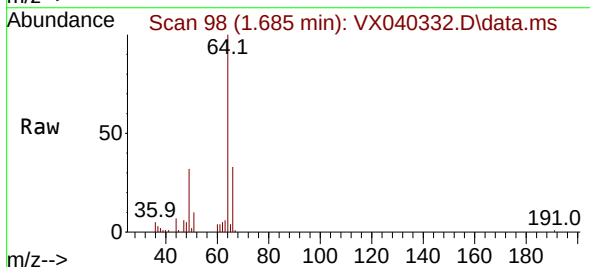
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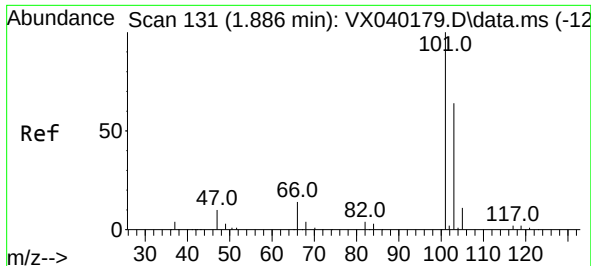
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#6
Chloroethane
Concen: 18.561 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

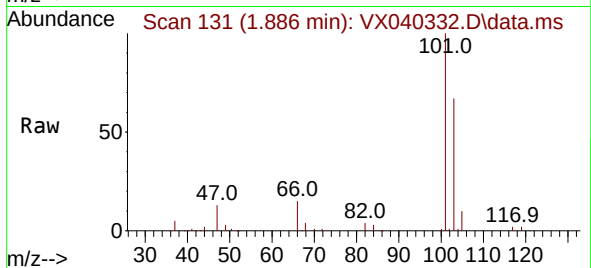
Tgt Ion: 64 Resp: 13066
Ion Ratio Lower Upper
64 100
66 32.8 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 19.039 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040332.D
 Acq: 19 Feb 2024 15:49

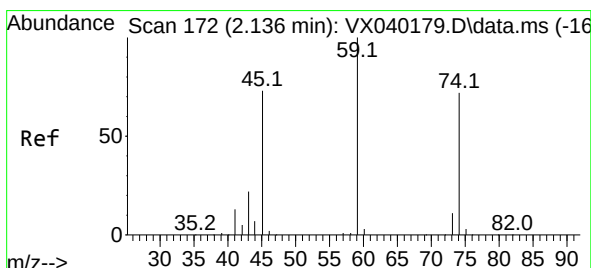
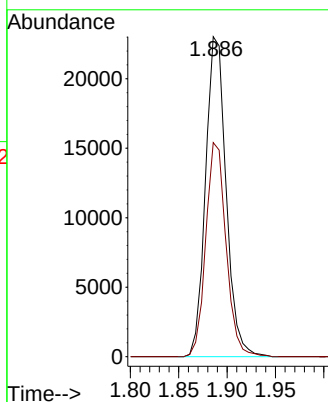
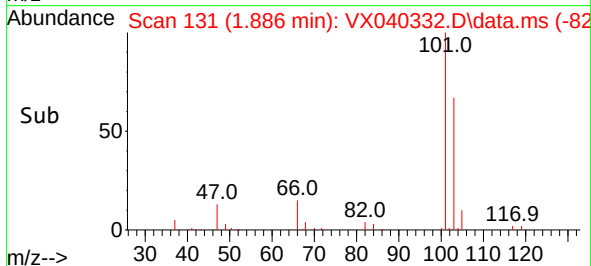
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219MBSD01



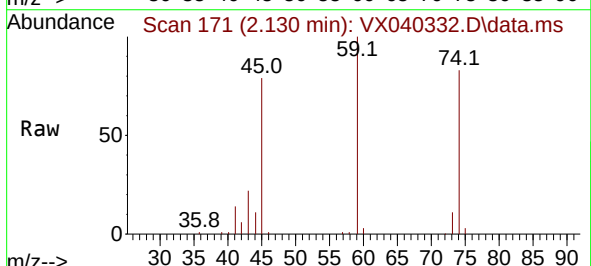
Tgt Ion:101 Resp: 3412
 Ion Ratio Lower Upper
 101 100
 103 66.9 51.4 77.2

Manual Integrations
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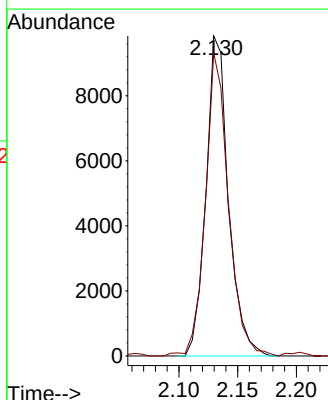
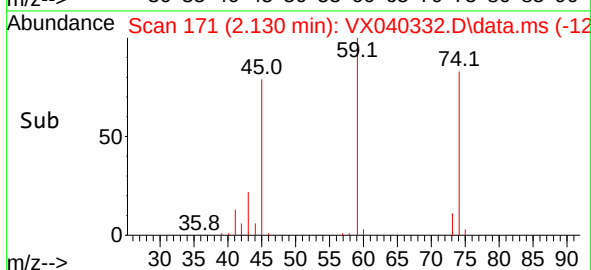
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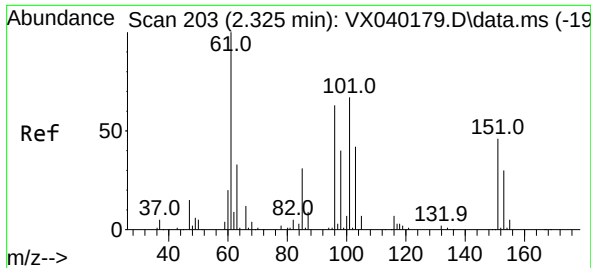


#8
 Diethyl Ether
 Concen: 19.461 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX040332.D
 Acq: 19 Feb 2024 15:49



Tgt Ion: 74 Resp: 13104
 Ion Ratio Lower Upper
 74 100
 45 97.0 53.3 159.8





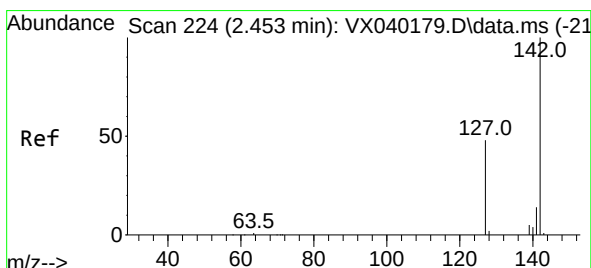
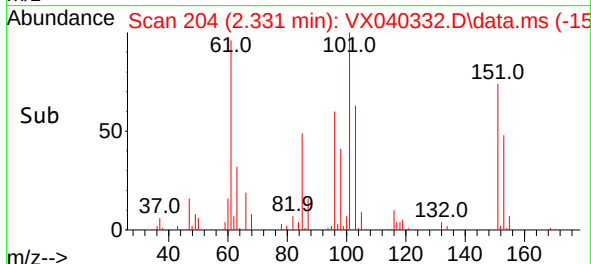
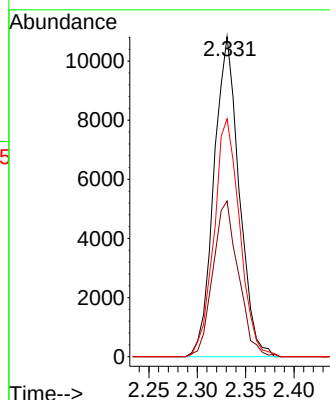
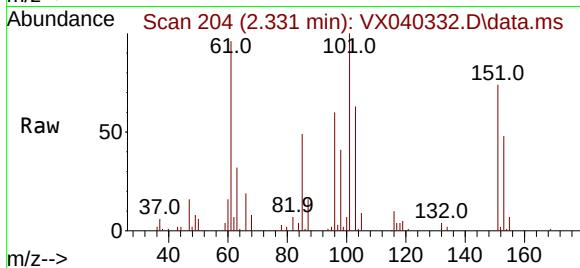
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.384 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBSD01

Tgt Ion:101 Resp: 19600
Ion Ratio Lower Upper
101 100
85 49.1 37.0 55.6
151 76.1 58.6 87.8

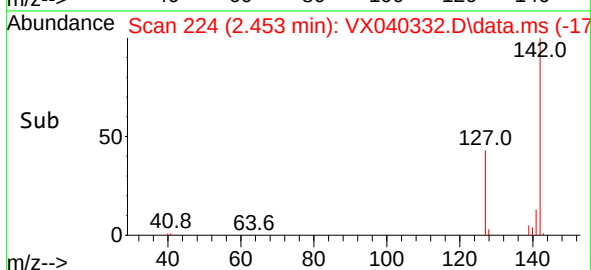
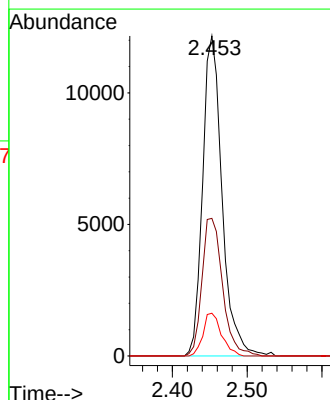
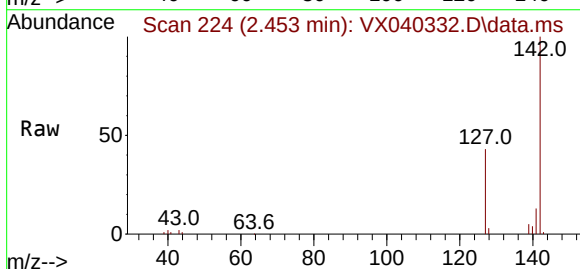
Manual Integrations
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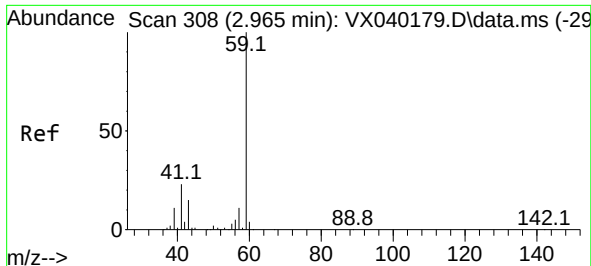
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#10
Methyl Iodide
Concen: 20.630 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Tgt Ion:142 Resp: 22022
Ion Ratio Lower Upper
142 100
127 45.4 41.6 62.4
141 12.7 11.6 17.4





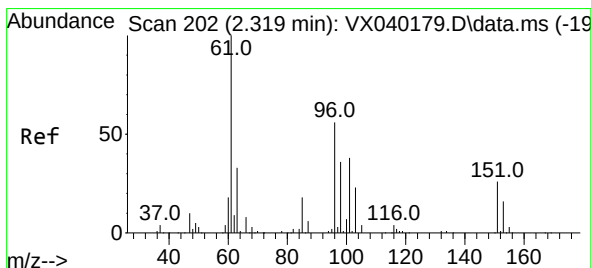
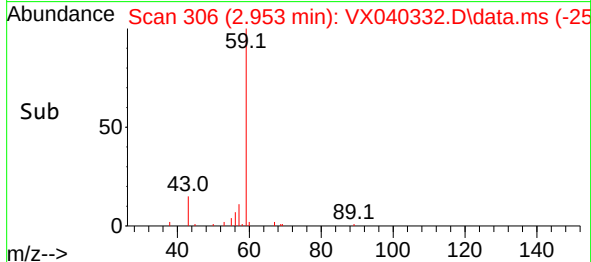
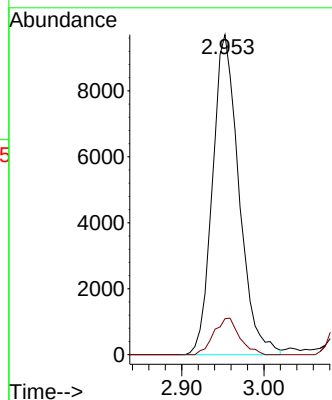
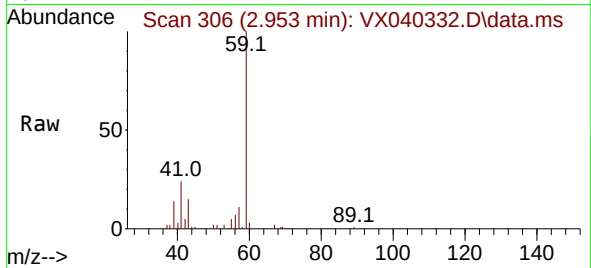
#11
Tert butyl alcohol
Concen: 82.514 ug/l
RT: 2.953 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01

Tgt Ion: 59 Resp: 2168
Ion Ratio Lower Upper
59 100
57 11.1 6.0 9.0

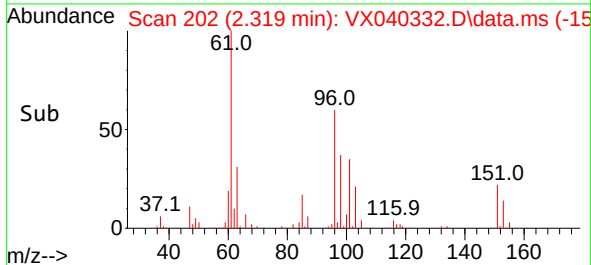
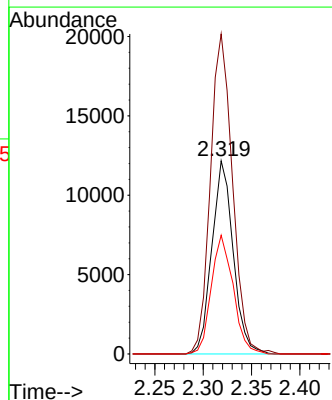
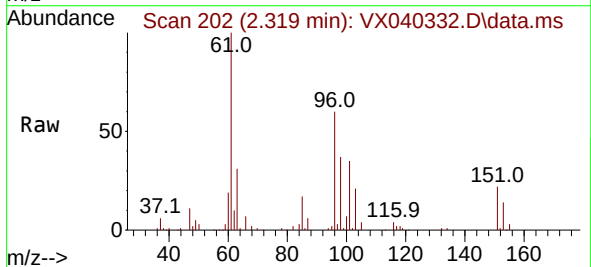
Manual Integrations
APPROVED

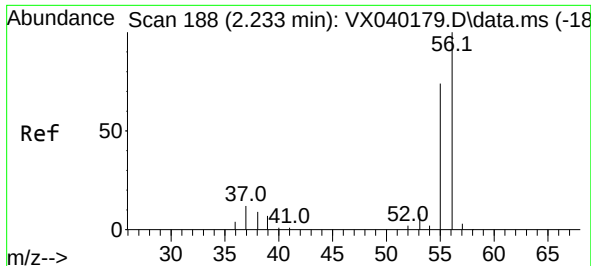
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#12
1,1-Dichloroethene
Concen: 20.171 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

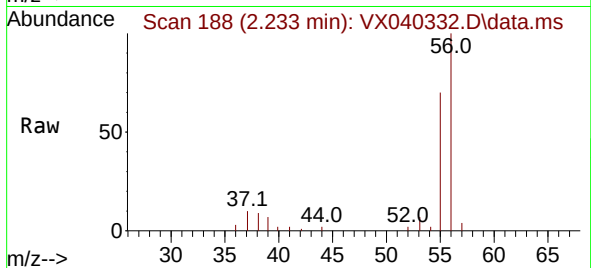
Tgt Ion: 96 Resp: 18674
Ion Ratio Lower Upper
96 100
61 165.7 144.6 216.8
98 61.4 50.4 75.6





#13
Acrolein
Concen: 83.514 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

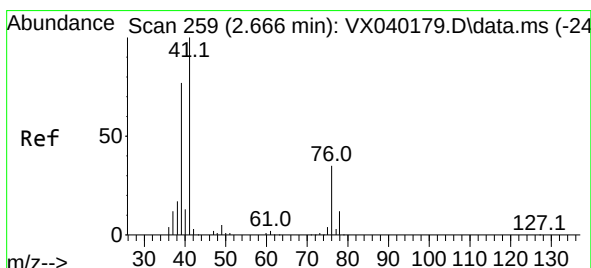
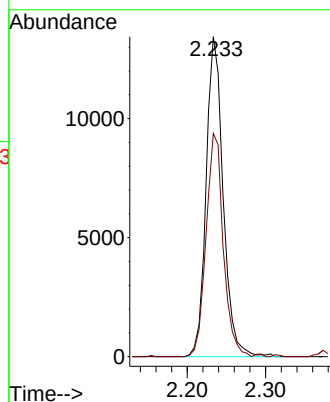
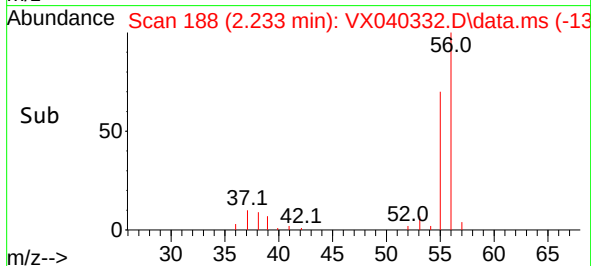
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBSD01



Tgt Ion: 56 Resp: 2025
Ion Ratio Lower Upper
56 100
55 70.5 57.1 85.7

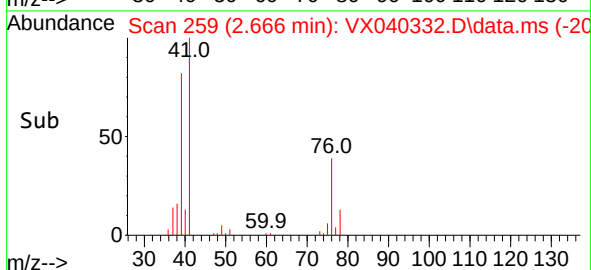
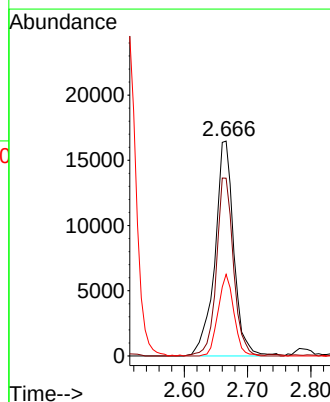
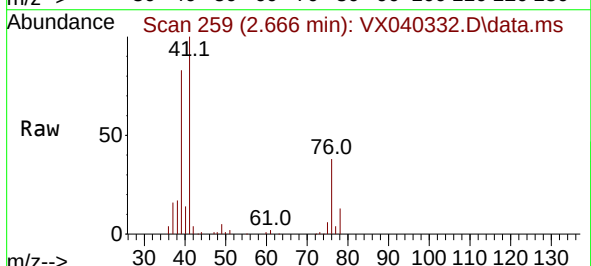
Manual Integrations
APPROVED

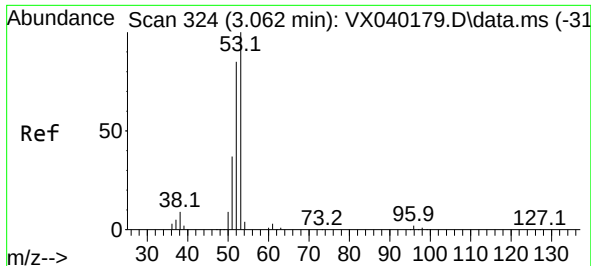
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#14
Allyl chloride
Concen: 21.293 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

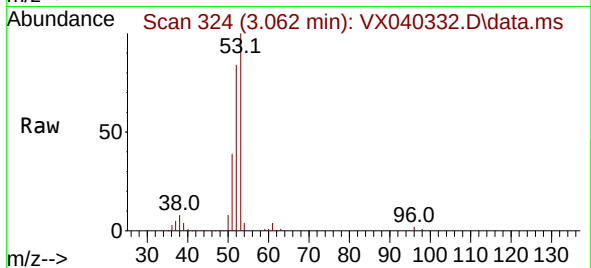
Tgt Ion: 41 Resp: 34209
Ion Ratio Lower Upper
41 100
39 74.5 55.8 83.6
76 31.5 24.3 36.5





#15
Acrylonitrile
Concen: 111.205 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

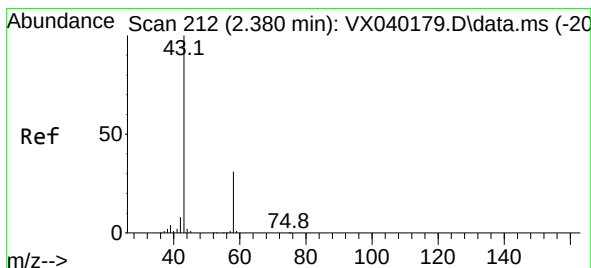
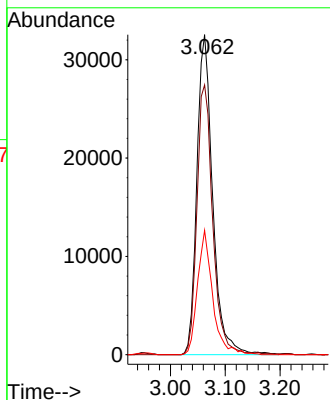
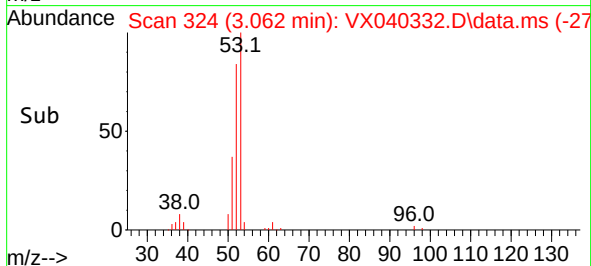
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBSD01



Tgt Ion: 53 Resp: 6538
Ion Ratio Lower Upper
53 100
52 84.0 66.0 99.0
51 37.4 29.8 44.6

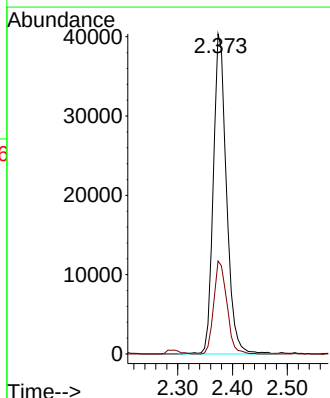
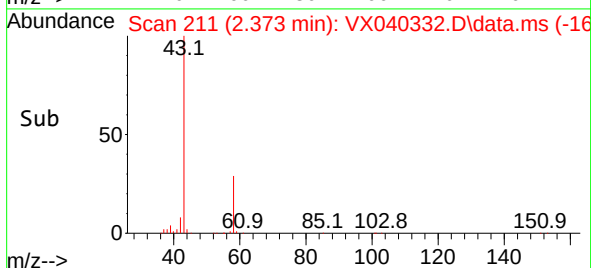
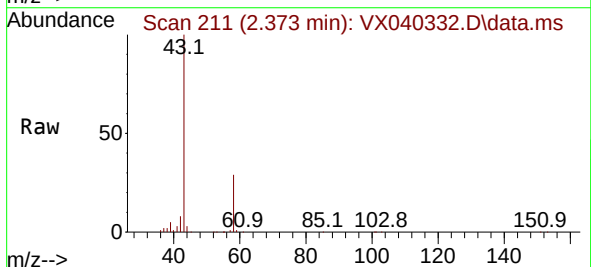
Manual Integrations
APPROVED

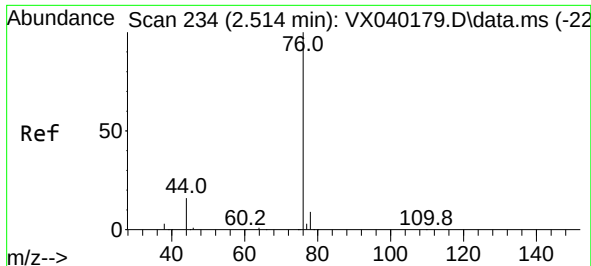
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#16
Acetone
Concen: 121.522 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Tgt Ion: 43 Resp: 67329
Ion Ratio Lower Upper
43 100
58 29.1 21.9 32.9





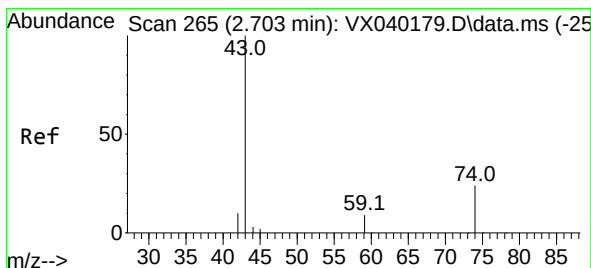
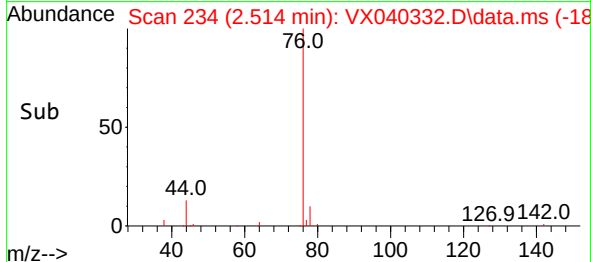
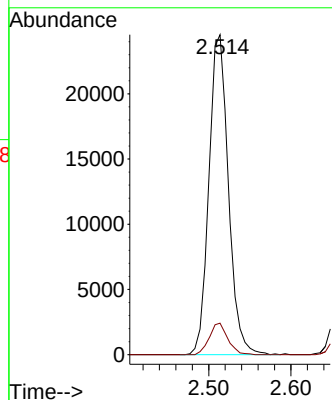
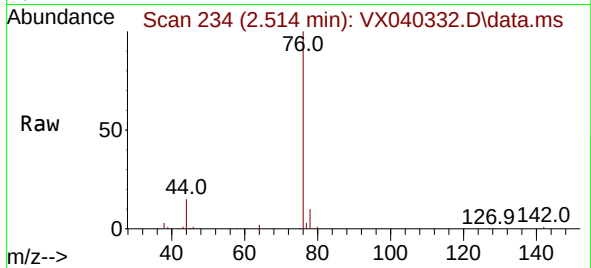
#17
Carbon Disulfide
Concen: 16.514 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBSD01

Tgt Ion: 76 Resp: 4036
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6

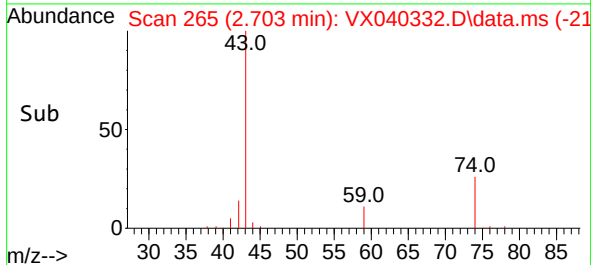
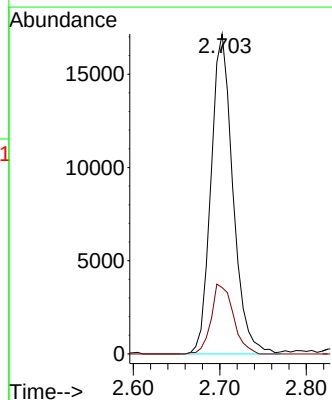
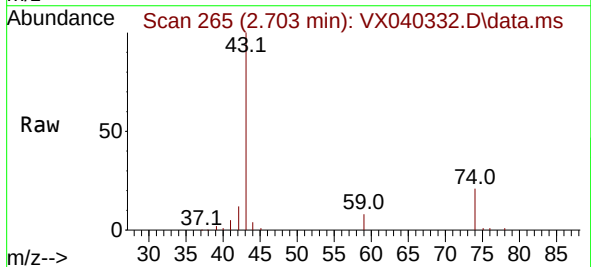
Manual Integrations
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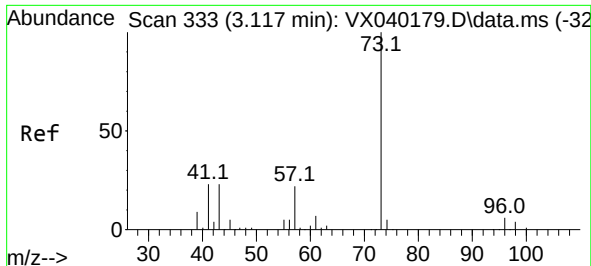
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#18
Methyl Acetate
Concen: 20.337 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Tgt Ion: 43 Resp: 30205
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.8





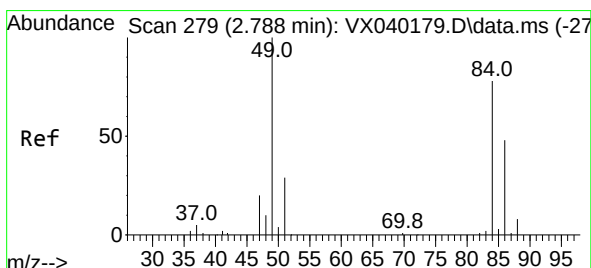
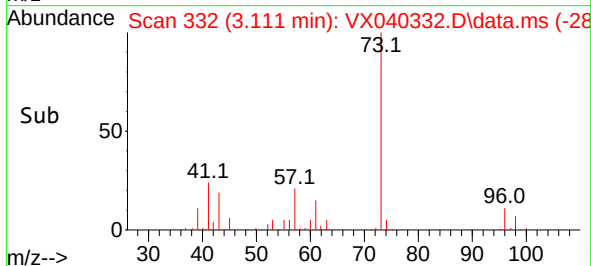
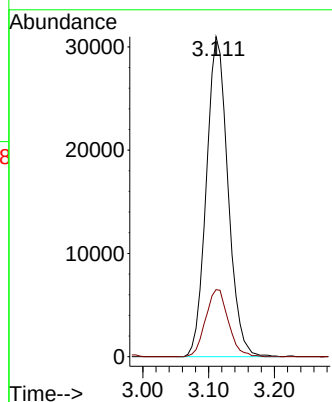
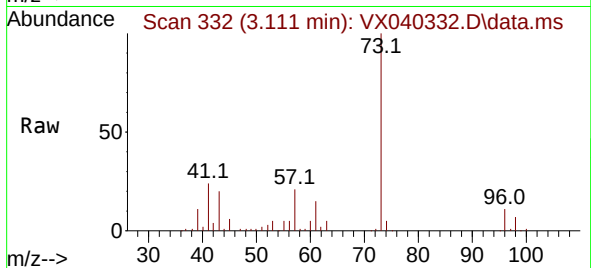
#19
Methyl tert-butyl Ether
Concen: 21.742 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBSD01

Tgt Ion: 73 Resp: 70912
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9

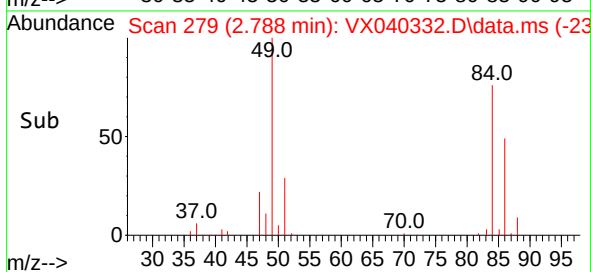
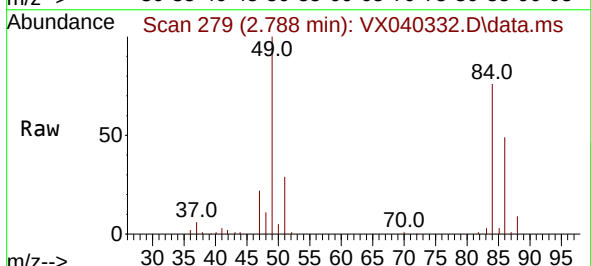
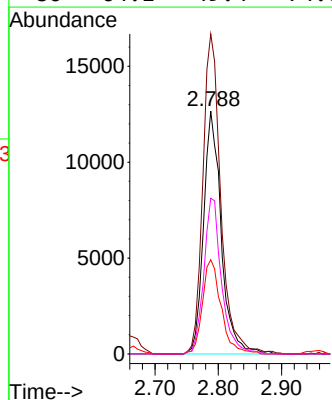
Manual Integrations
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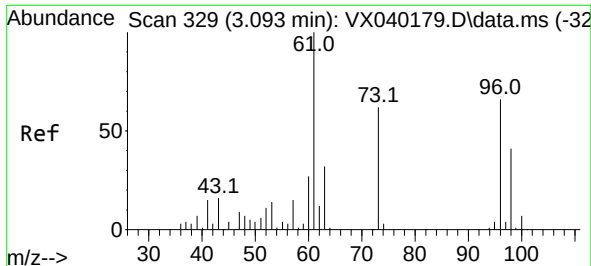
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#20
Methylene Chloride
Concen: 22.905 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

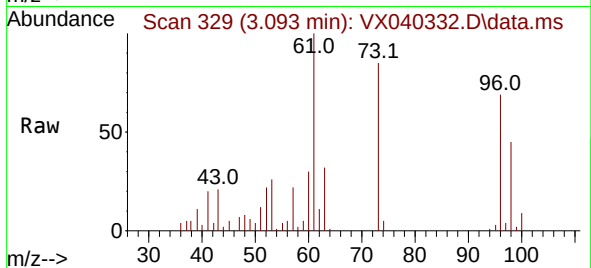
Tgt Ion: 84 Resp: 24688
Ion Ratio Lower Upper
84 100
49 131.7 103.6 155.4
51 38.8 33.8 50.6
86 64.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.998 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

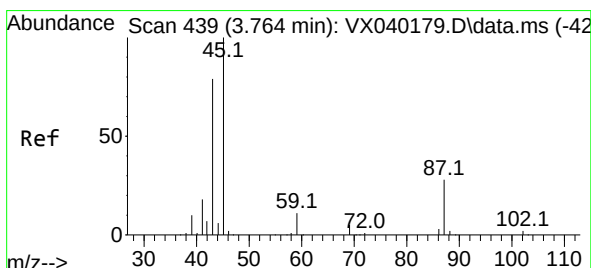
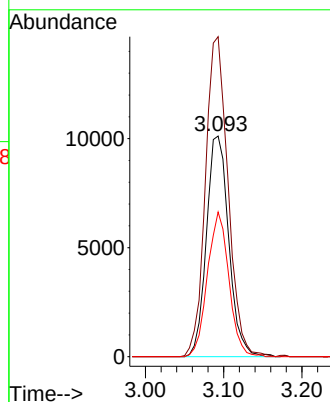
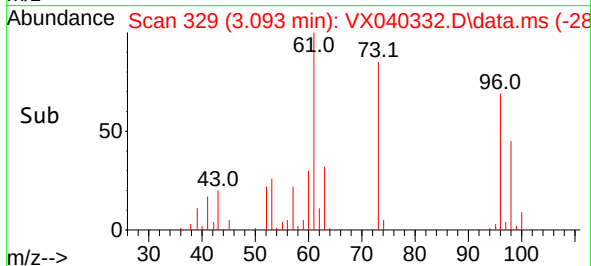
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBSD01



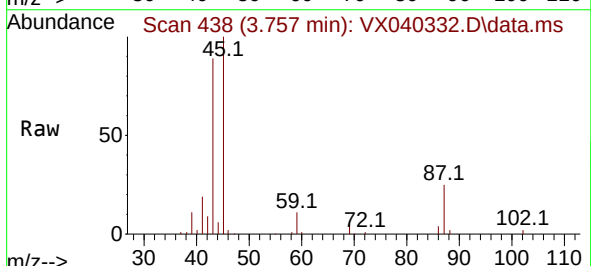
Tgt Ion: 96 Resp: 2003
Ion Ratio Lower Upper
96 100
61 145.0 119.2 178.8
98 65.6 48.7 73.1

Manual Integrations
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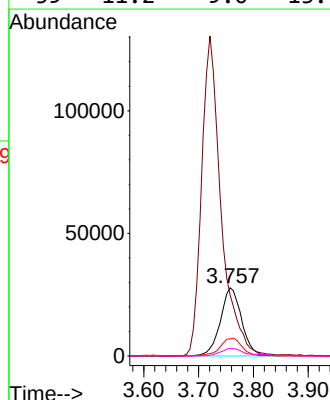
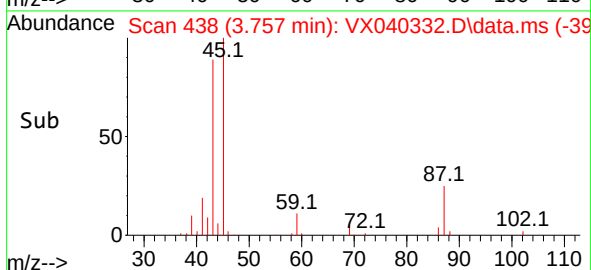
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

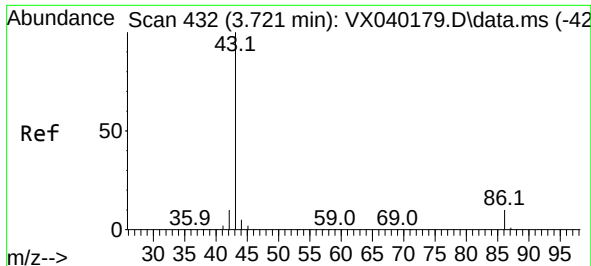


#22
Diisopropyl ether
Concen: 22.983 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49



Tgt Ion: 45 Resp: 74886
Ion Ratio Lower Upper
45 100
43 89.1 69.7 104.5
87 25.1 20.8 31.2
59 11.2 9.0 13.4





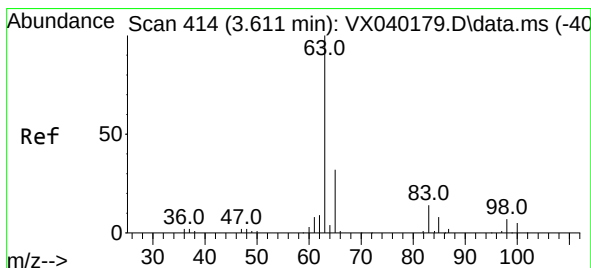
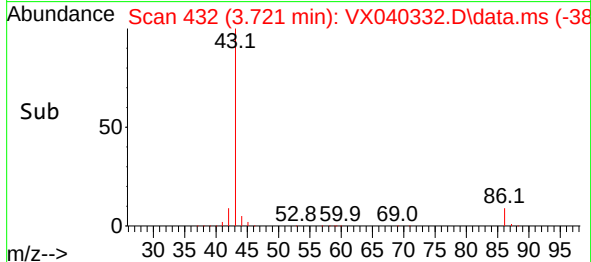
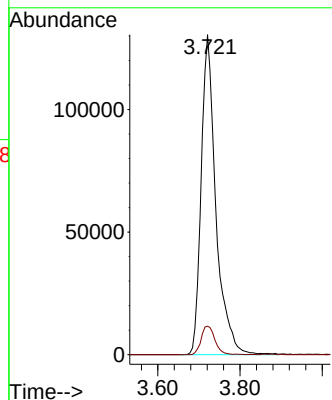
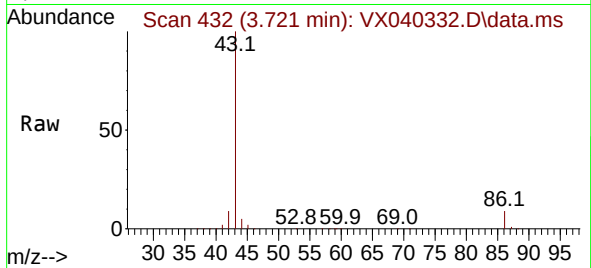
#23
 Vinyl Acetate
 Concen: 111.747 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX040332.D
 Acq: 19 Feb 2024 15:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219MBSD01

Tgt Ion: 43 Resp: 324580
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.8 11.8

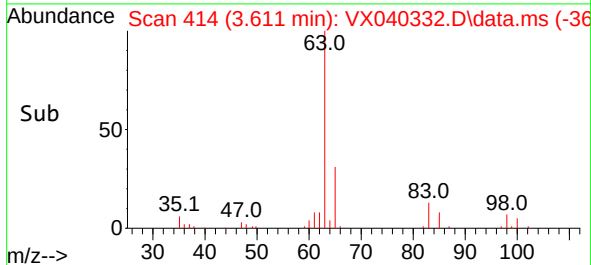
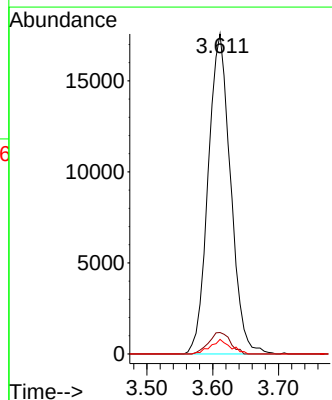
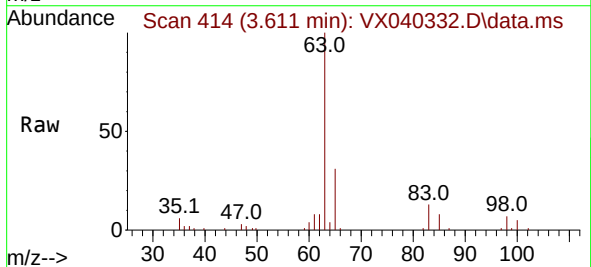
Manual Integrations
 APPROVED

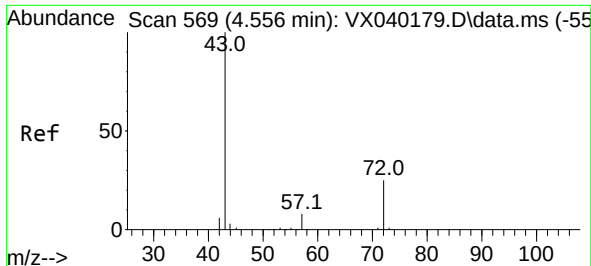
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024



#24
 1,1-Dichloroethane
 Concen: 21.950 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040332.D
 Acq: 19 Feb 2024 15:49

Tgt Ion: 63 Resp: 41660
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.5 2.1 6.5





#25

2-Butanone

Concen: 109.806 ug/l

RT: 4.550 min Scan# 50

Delta R.T. -0.006 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBSD01

Tgt Ion: 43 Resp: 95098

Ion Ratio Lower Upper

43 100

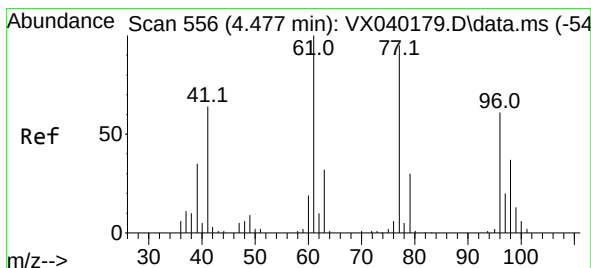
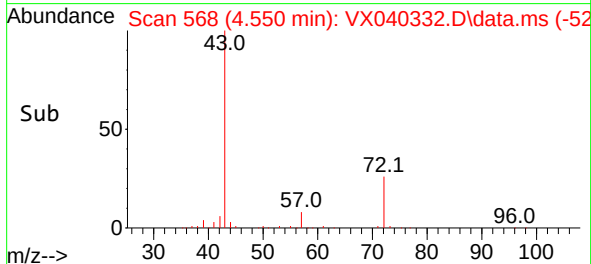
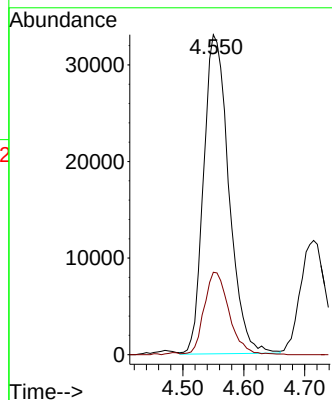
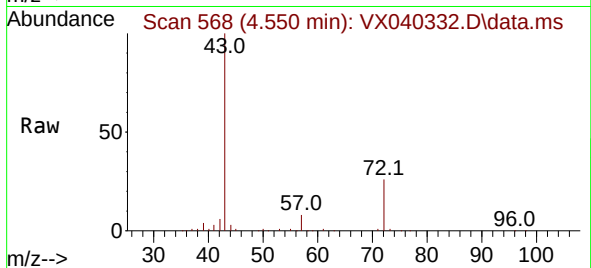
72 25.7 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#26

2,2-Dichloropropane

Concen: 20.716 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.006 min

Lab File: VX040332.D

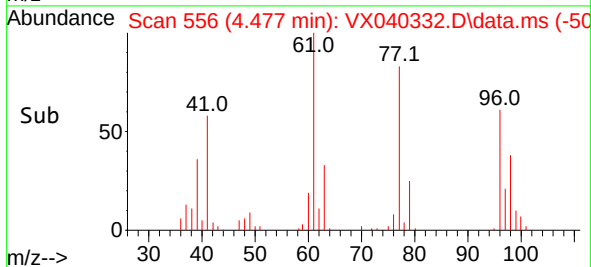
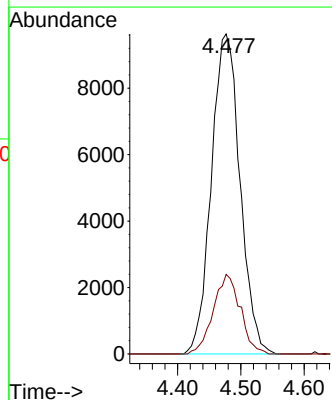
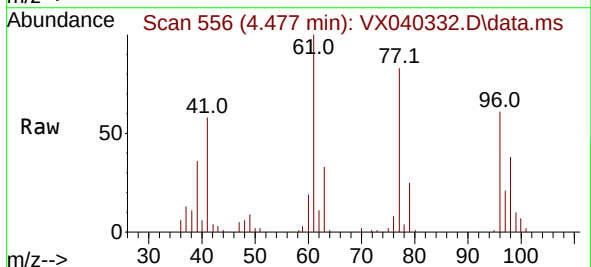
Acq: 19 Feb 2024 15:49

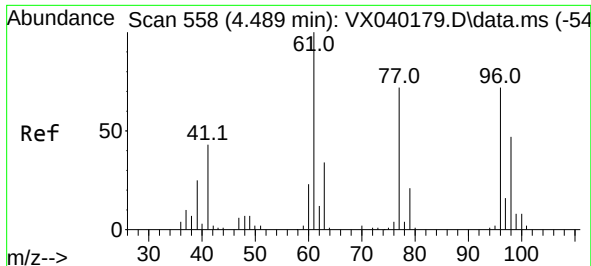
Tgt Ion: 77 Resp: 30267

Ion Ratio Lower Upper

77 100

97 23.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 20.277 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBS01

Tgt Ion: 96 Resp: 24389

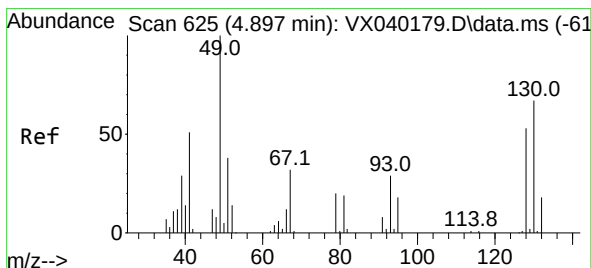
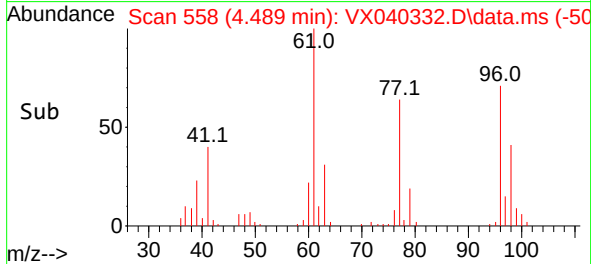
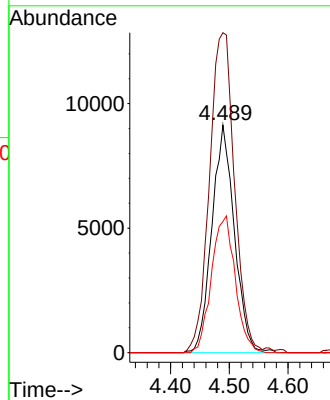
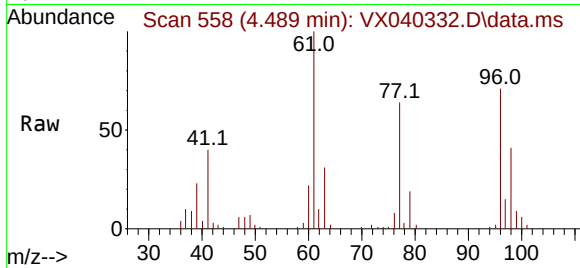
Ion	Ratio	Lower	Upper
96	100		
61	157.0	0.0	312.2
98	63.2	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#28

Bromochloromethane

Concen: 25.342 ug/l

RT: 4.897 min Scan# 625

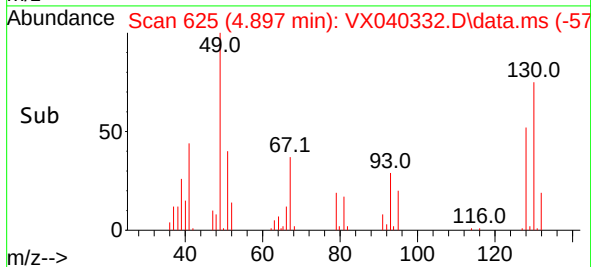
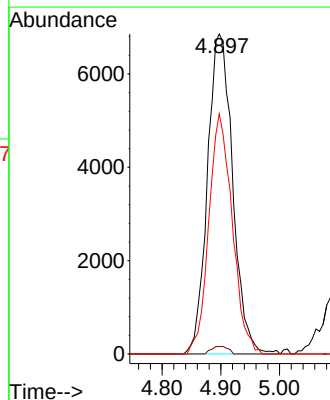
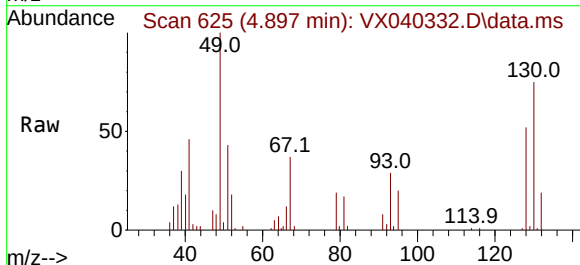
Delta R.T. 0.000 min

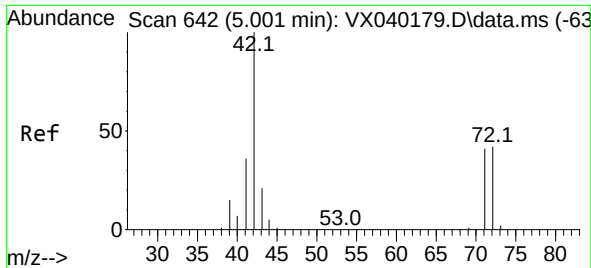
Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

Tgt Ion: 49 Resp: 20421

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	69.8	57.5	86.3





#29

Tetrahydrofuran

Concen: 106.078 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.006 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBS01

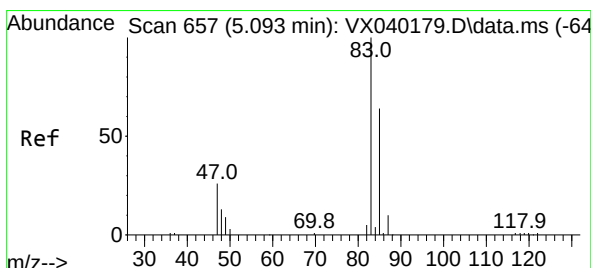
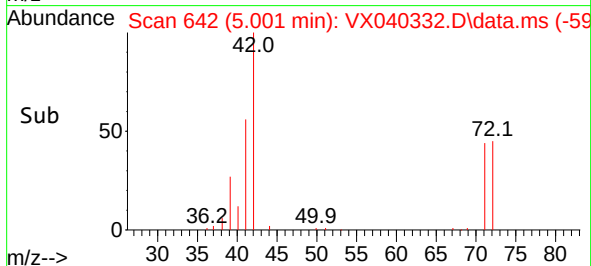
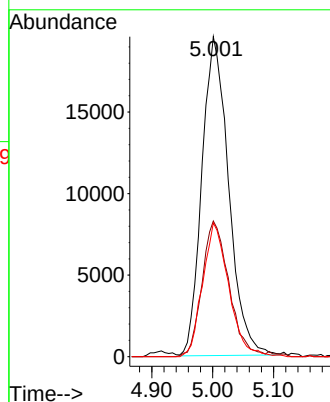
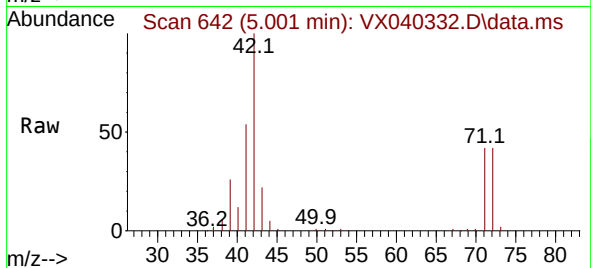
Tgt Ion:	42	Resp:	5985
Ion Ratio	Lower	Upper	
42	100		
72	42.6	34.2	51.4
71	40.9	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#30

Chloroform

Concen: 21.237 ug/l

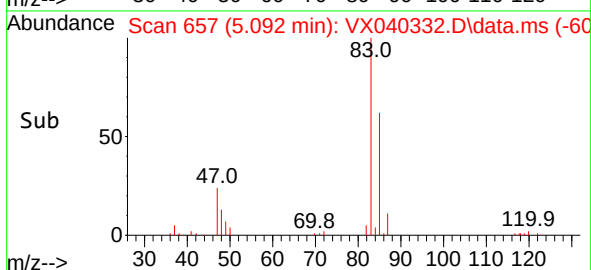
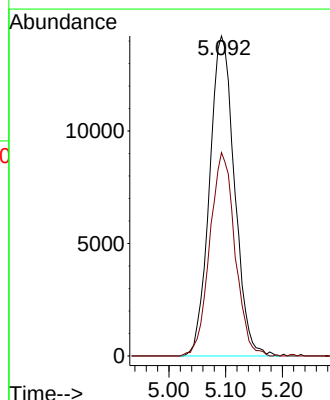
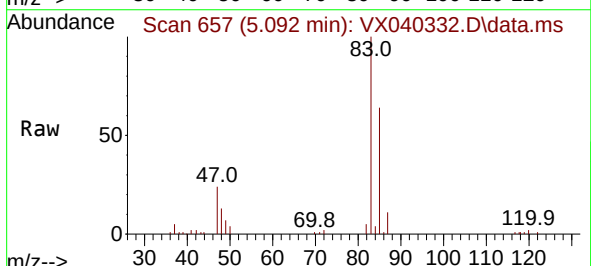
RT: 5.092 min Scan# 657

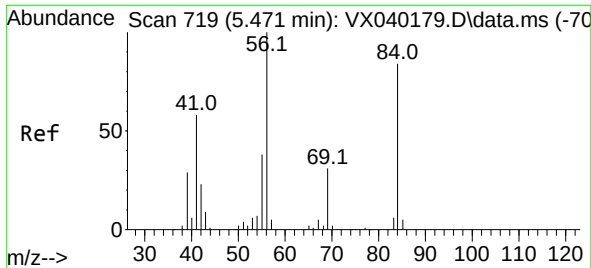
Delta R.T. -0.006 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

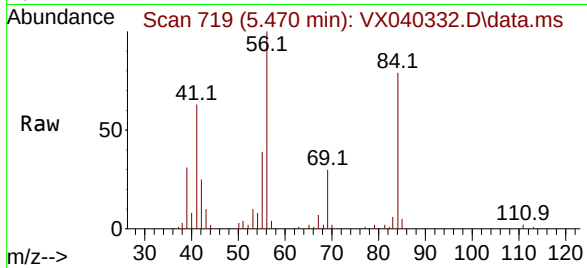
Tgt Ion:	83	Resp:	43578
Ion Ratio	Lower	Upper	
83	100		
85	63.6	50.3	75.5





#31
Cyclohexane
Concen: 19.721 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

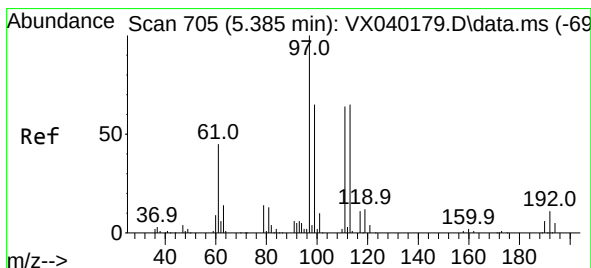
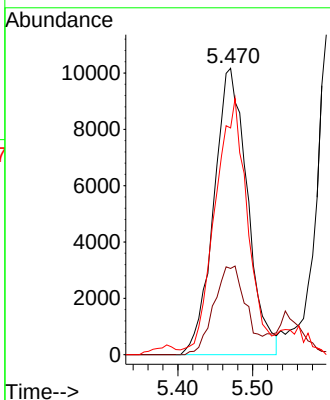
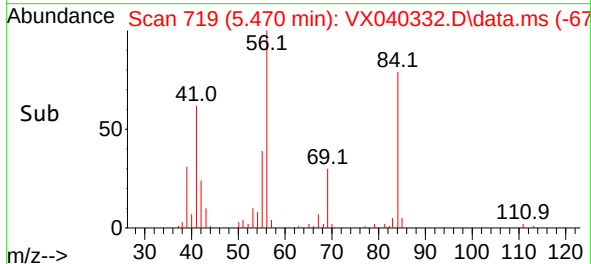
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01



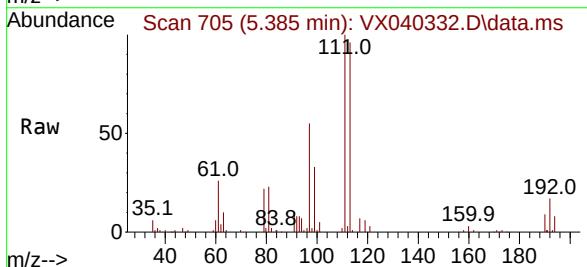
Tgt Ion: 56 Resp: 31732
Ion Ratio Lower Upper
56 100
69 30.1 23.4 35.2
84 77.4 65.9 98.9

Manual Integrations
APPROVED

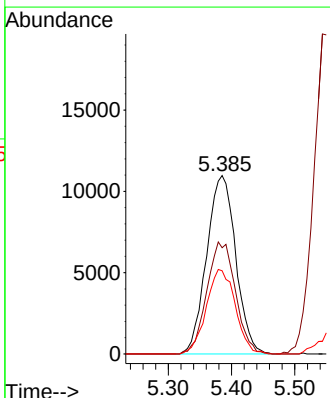
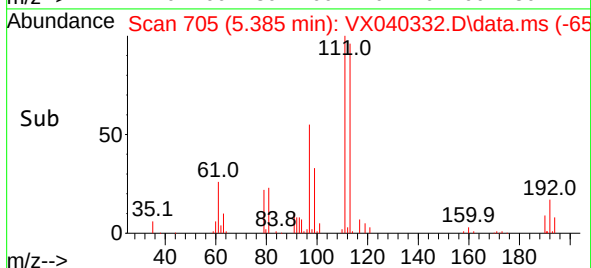
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

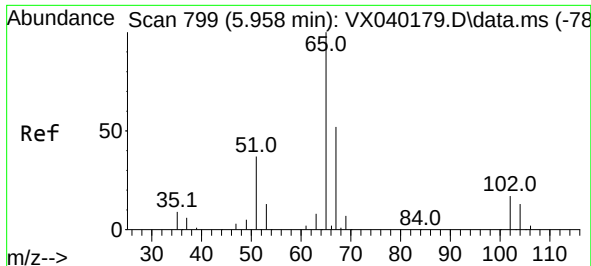


#32
1,1,1-Trichloroethane
Concen: 20.305 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49



Tgt Ion: 97 Resp: 35053
Ion Ratio Lower Upper
97 100
99 61.9 51.1 76.7
61 47.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 55.061 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBS01

Tgt Ion: 65 Resp: 74278

Ion Ratio Lower Upper

65 100

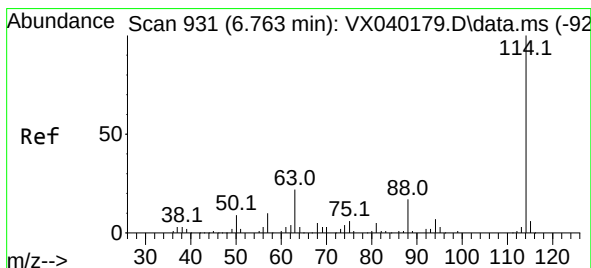
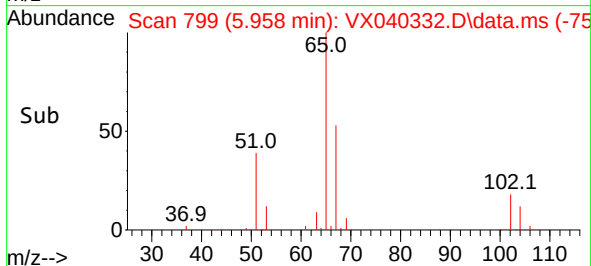
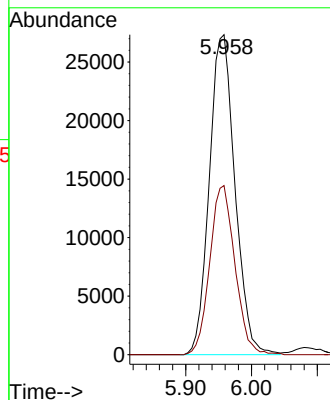
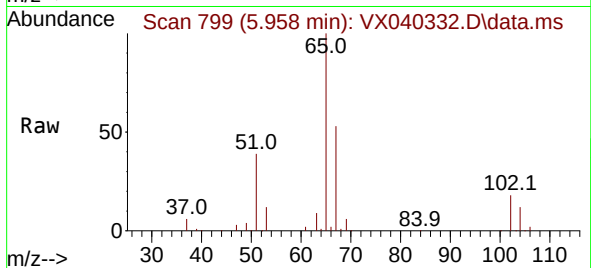
67 51.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

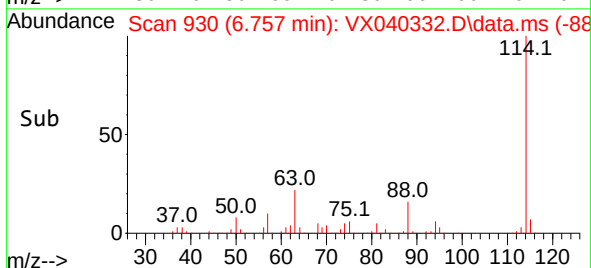
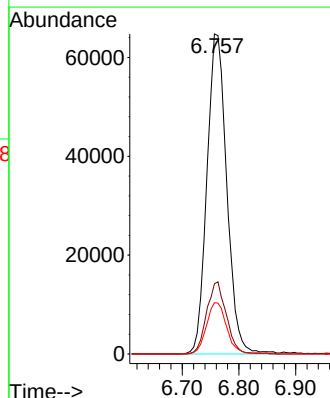
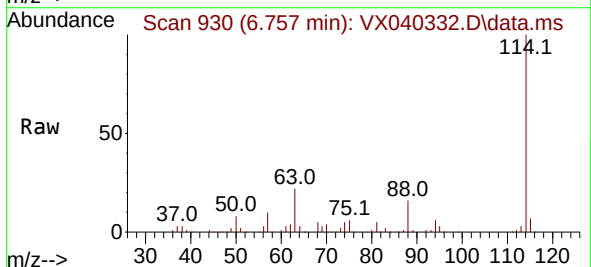
Tgt Ion:114 Resp: 157554

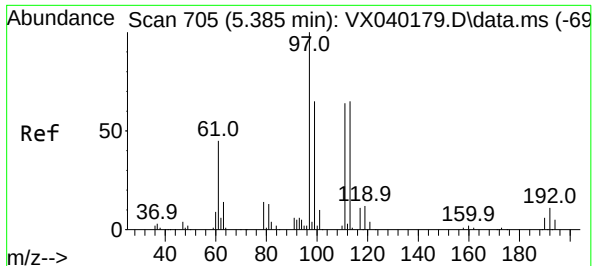
Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.0

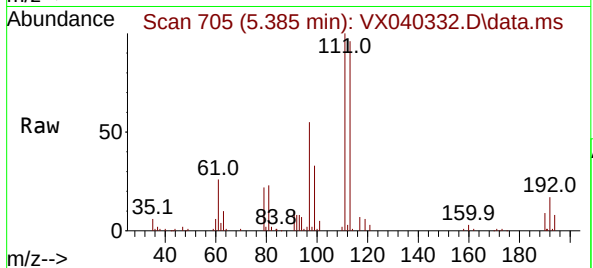
88 16.0 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.499 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

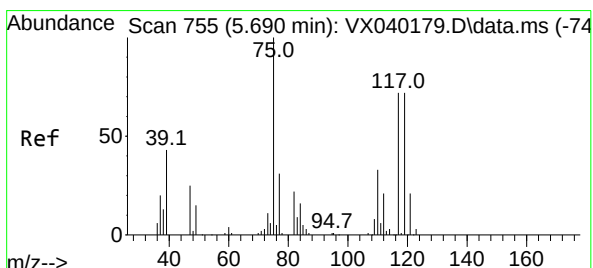
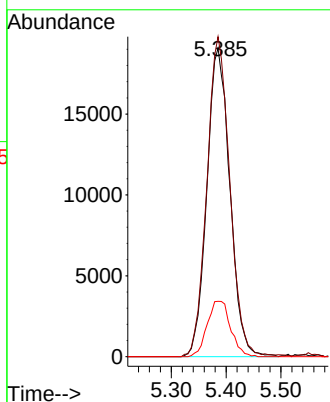
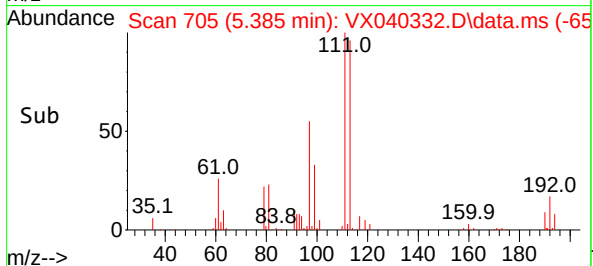
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBSD01



Tgt Ion: 113 Resp: 5556
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 18.2 13.3 19.9

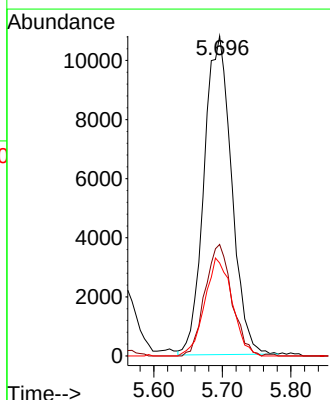
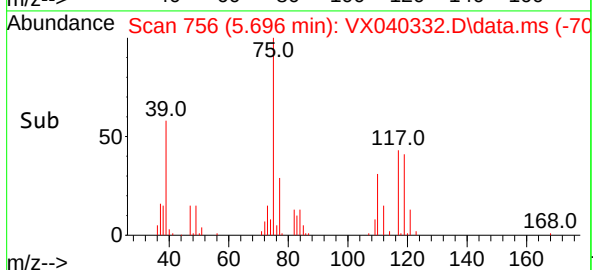
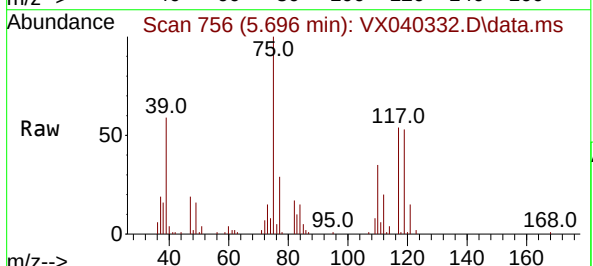
Manual Integrations
APPROVED

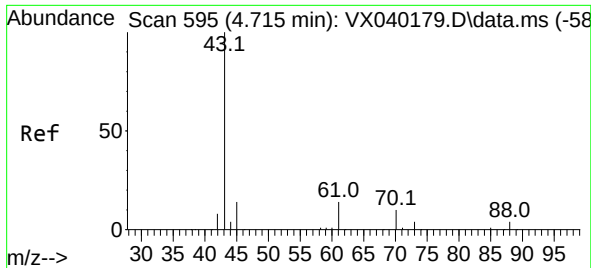
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#36
1,1-Dichloropropene
Concen: 19.554 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

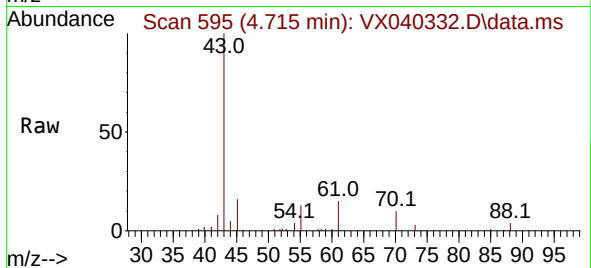
Tgt Ion: 75 Resp: 30139
Ion Ratio Lower Upper
75 100
110 34.2 17.0 50.9
77 30.6 24.7 37.1





#37
Ethyl Acetate
Concen: 19.807 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

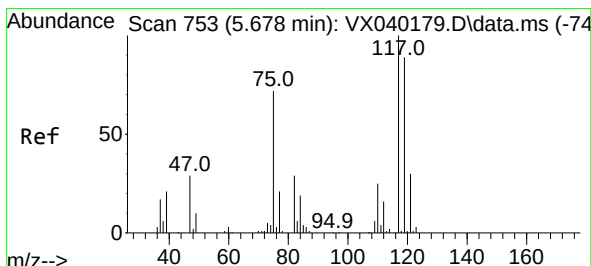
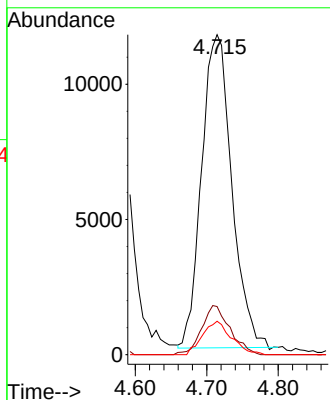
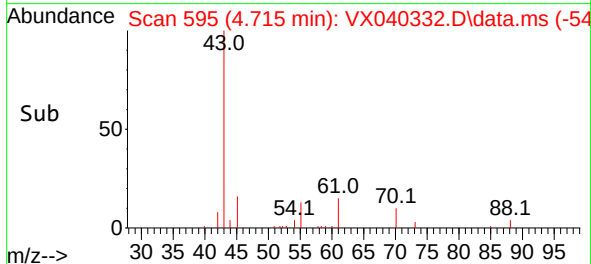
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBSD01



Tgt Ion: 43 Resp: 33969
Ion Ratio Lower Upper
43 100
61 14.7 10.6 16.0
70 10.2 8.3 12.5

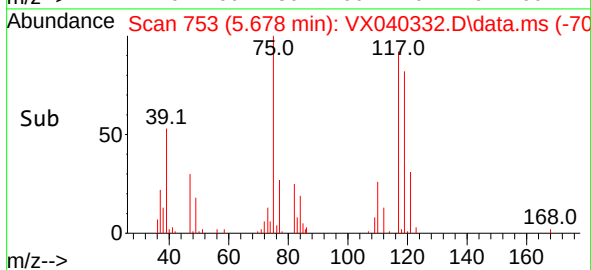
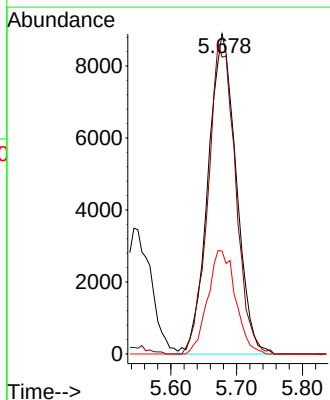
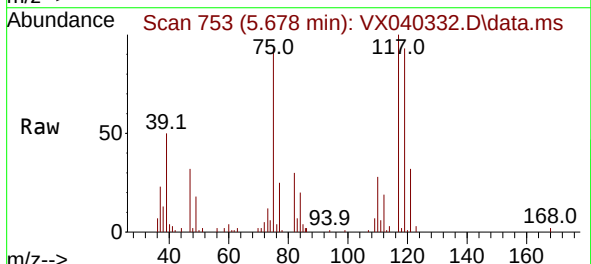
Manual Integrations
APPROVED

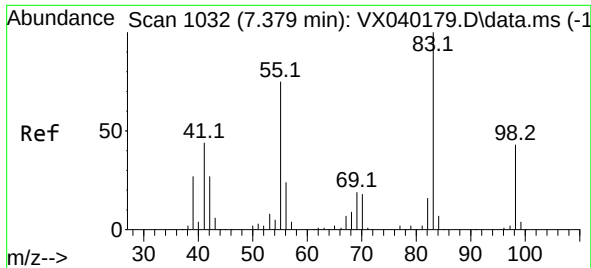
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#38
Carbon Tetrachloride
Concen: 18.040 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

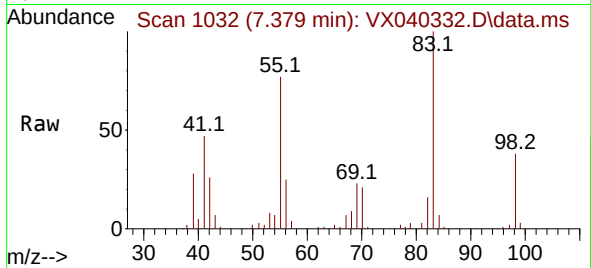
Tgt Ion:117 Resp: 26437
Ion Ratio Lower Upper
117 100
119 92.8 78.2 117.2
121 32.2 24.4 36.6





#39
Methylcyclohexane
Concen: 18.205 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

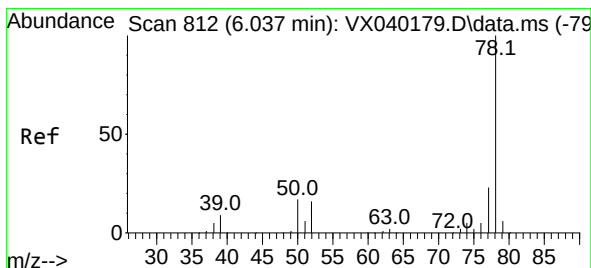
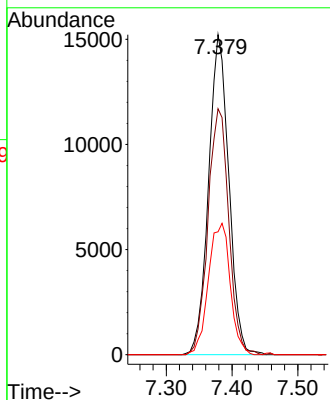
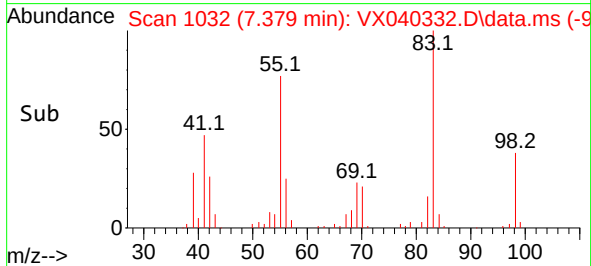
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBSD01



Tgt Ion: 83 Resp: 32609
Ion Ratio Lower Upper
83 100
55 76.8 64.6 97.0
98 38.4 36.7 55.1

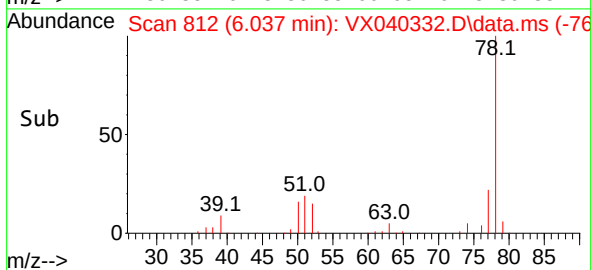
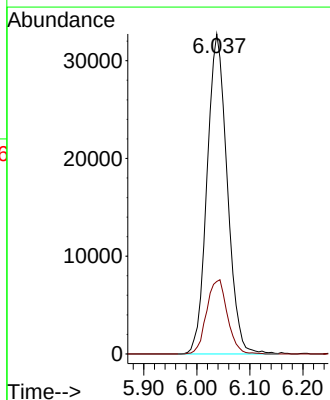
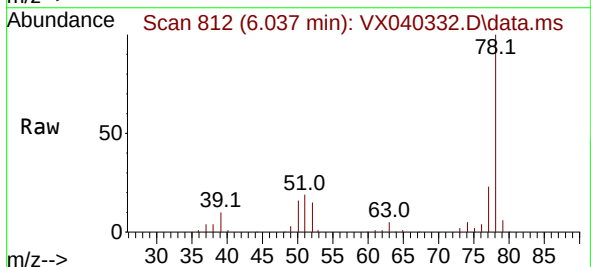
Manual Integrations
APPROVED

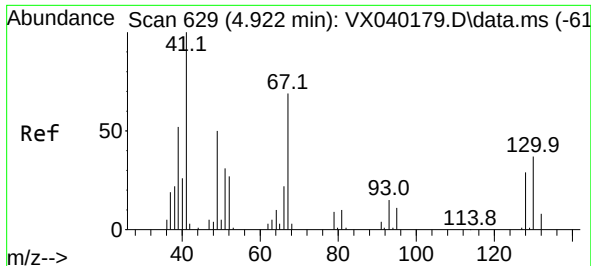
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#40
Benzene
Concen: 20.077 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

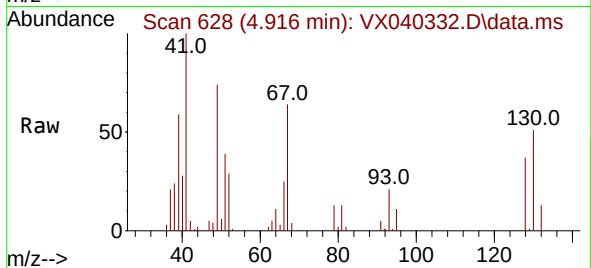
Tgt Ion: 78 Resp: 86537
Ion Ratio Lower Upper
78 100
77 22.6 19.3 28.9





#41
Methacrylonitrile
Concen: 21.779 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

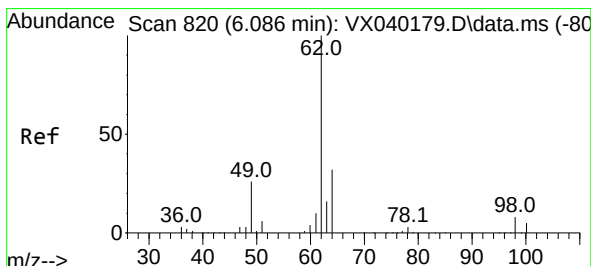
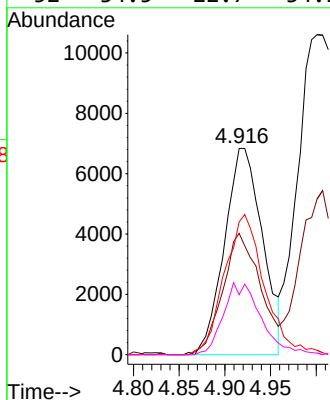
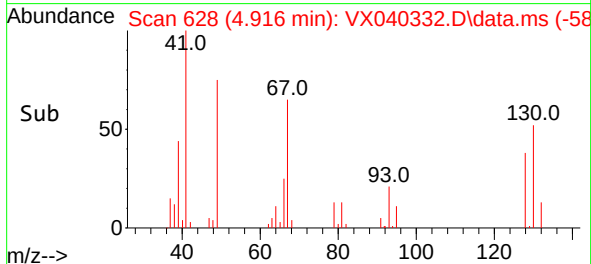
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01



Tgt Ion: 41 Resp: 1980
Ion Ratio Lower Upper
41 100
39 58.1 45.2 67.8
67 71.3 52.6 78.8
52 34.5 22.7 34.1#

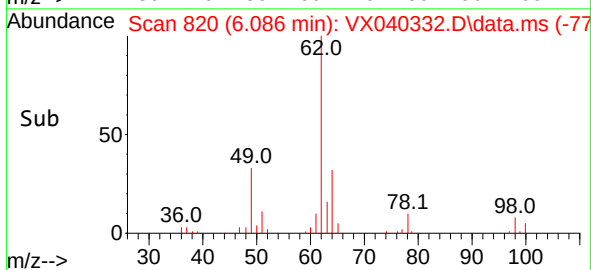
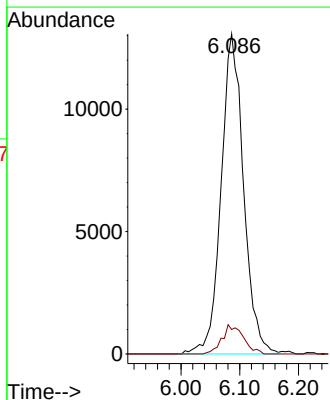
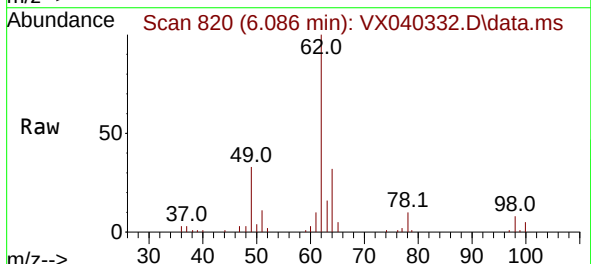
Manual Integrations
APPROVED

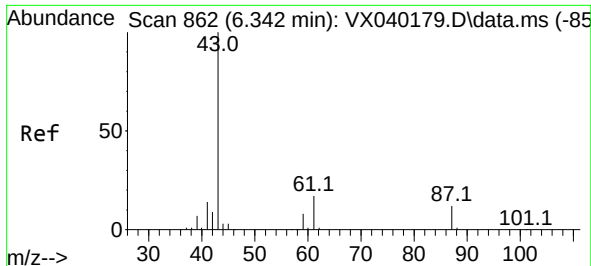
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#42
1,2-Dichloroethane
Concen: 20.595 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

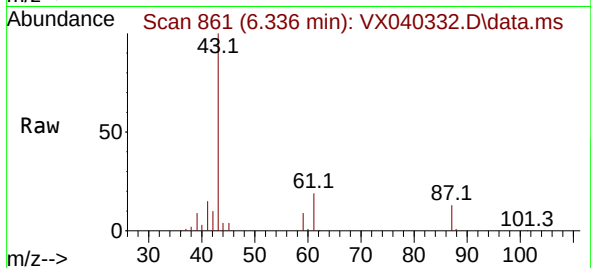
Tgt Ion: 62 Resp: 34696
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 20.748 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

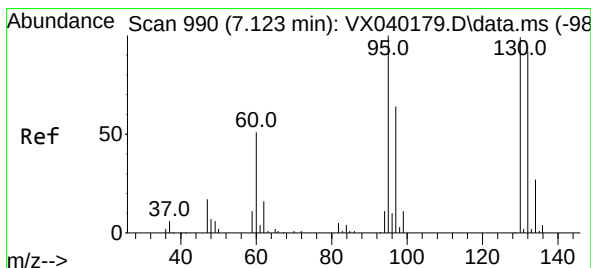
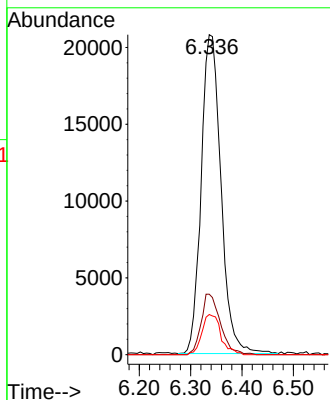
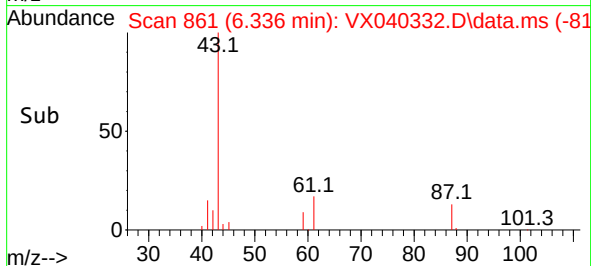
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBSD01



Tgt Ion: 43 Resp: 5554
Ion Ratio Lower Upper
43 100
61 18.5 15.2 22.8
87 12.1 9.8 14.6

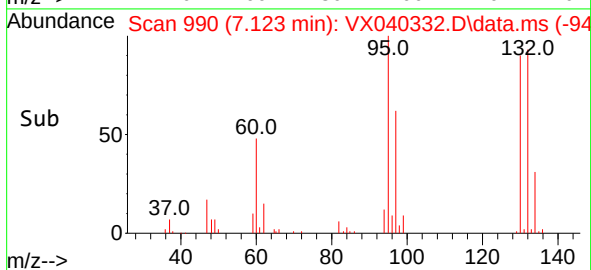
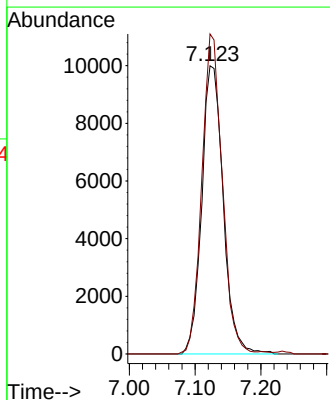
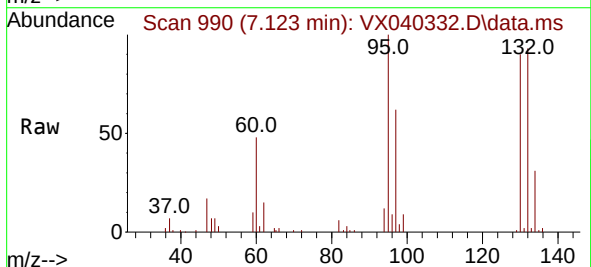
Manual Integrations
APPROVED

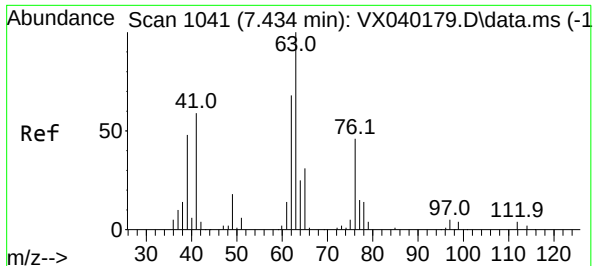
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#44
Trichloroethene
Concen: 19.105 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Tgt Ion:130 Resp: 22714
Ion Ratio Lower Upper
130 100
95 111.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 21.279 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBS01

Tgt Ion: 63 Resp: 2387

Ion Ratio Lower Upper

63 100

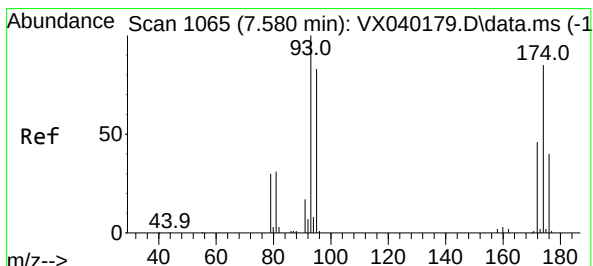
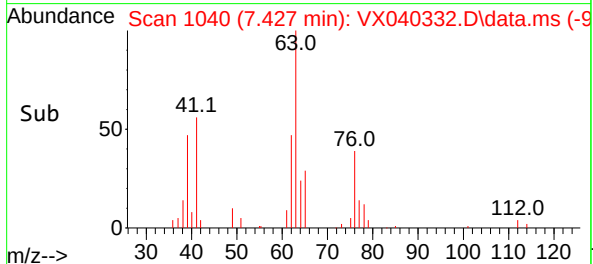
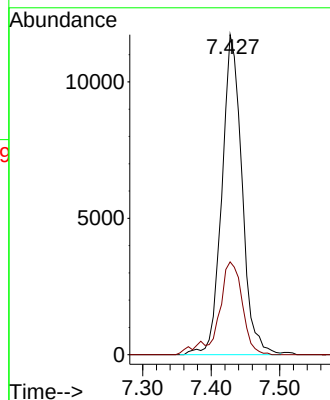
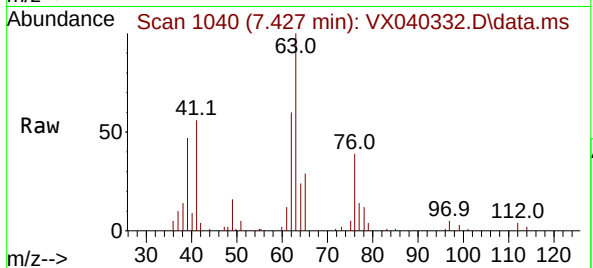
65 29.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#46

Dibromomethane

Concen: 20.487 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

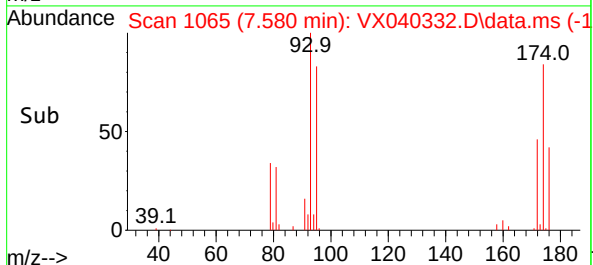
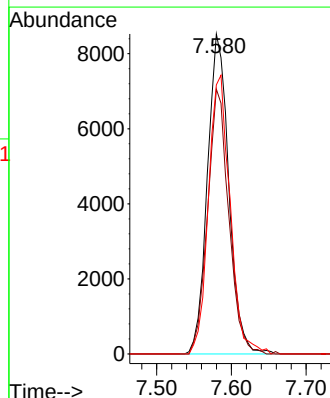
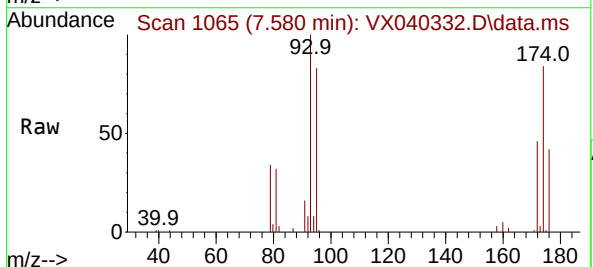
Tgt Ion: 93 Resp: 16927

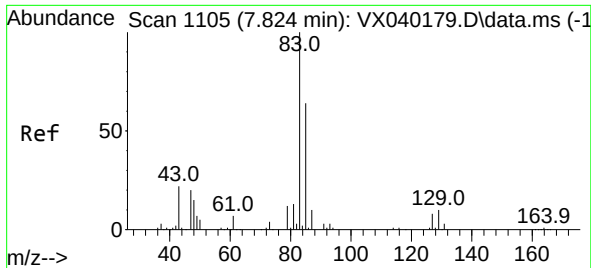
Ion Ratio Lower Upper

93 100

95 81.9 66.6 100.0

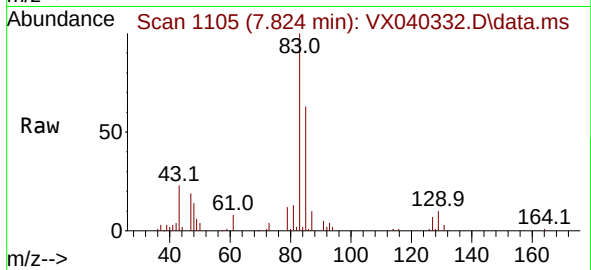
174 88.0 69.4 104.0





#47
Bromodichloromethane
Concen: 19.766 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

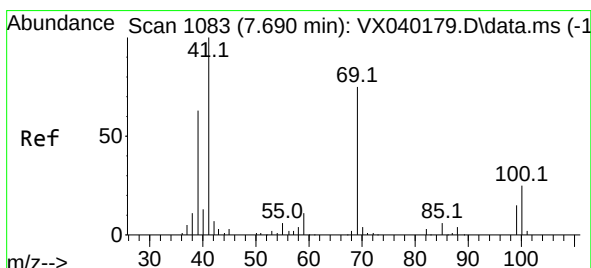
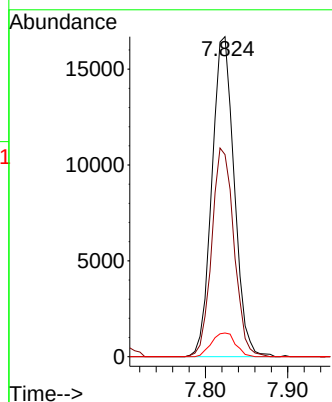
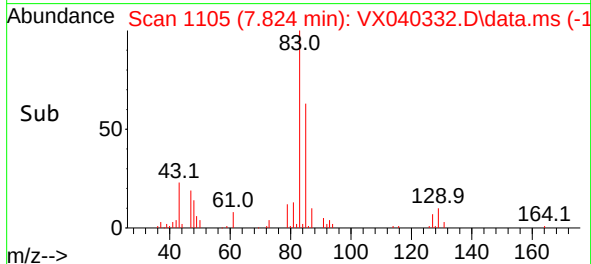
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01



Tgt Ion: 83 Resp: 31468
Ion Ratio Lower Upper
83 100
85 63.2 49.8 74.6
127 7.4 7.1 10.7

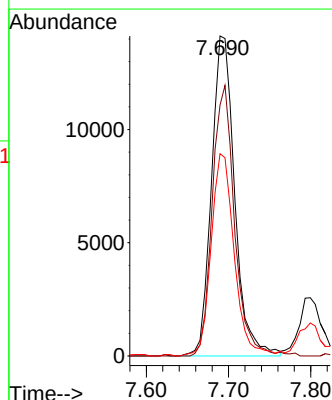
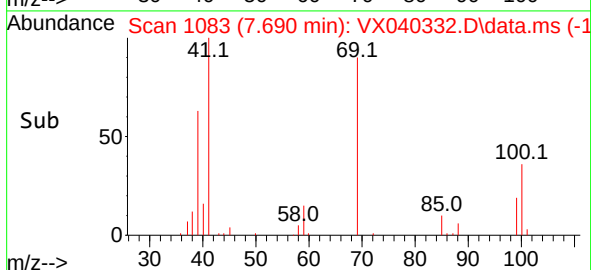
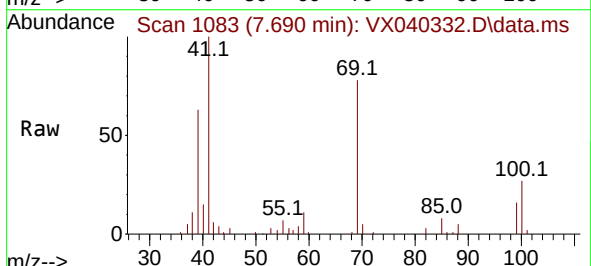
Manual Integrations
APPROVED

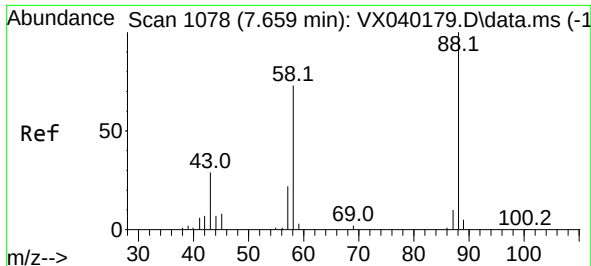
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#48
Methyl methacrylate
Concen: 20.254 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Tgt Ion: 41 Resp: 27745
Ion Ratio Lower Upper
41 100
69 81.3 59.2 88.8
39 62.7 47.7 71.5





#49

1,4-Dioxane

Concen: 329.552 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBSD01

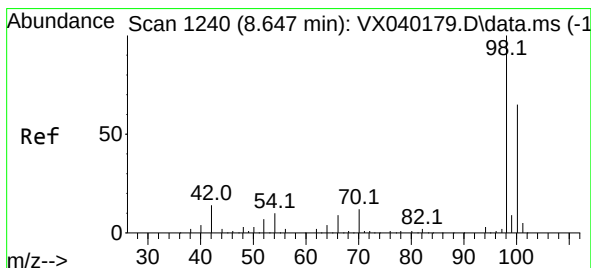
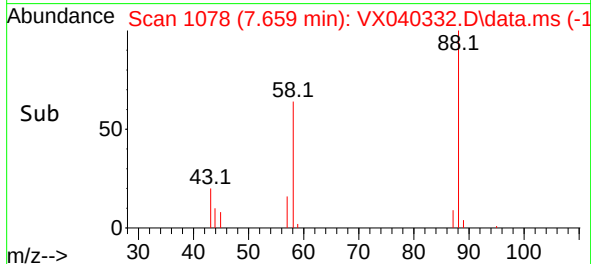
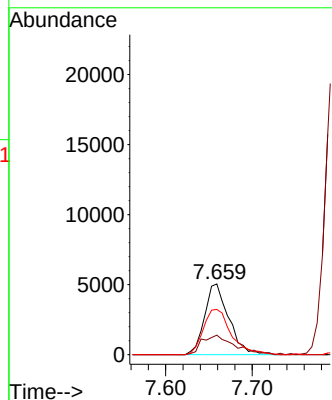
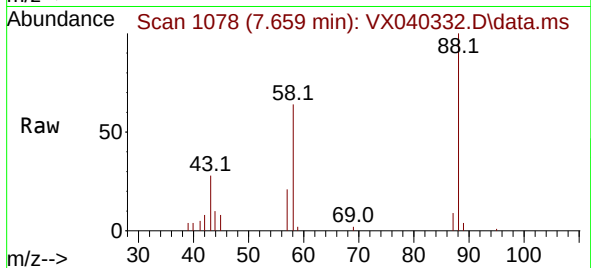
Tgt Ion: 88 Resp: 982
 Ion Ratio Lower Upper
 88 100
 43 36.8 0.0 0.0
 58 73.4 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#50

Toluene-d8

Concen: 48.889 ug/l

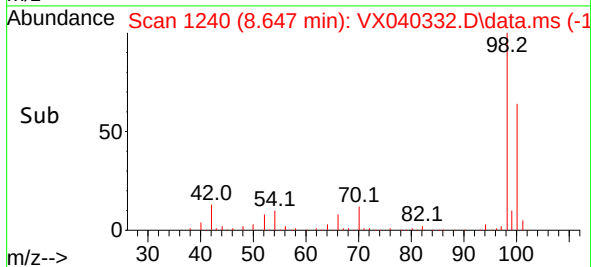
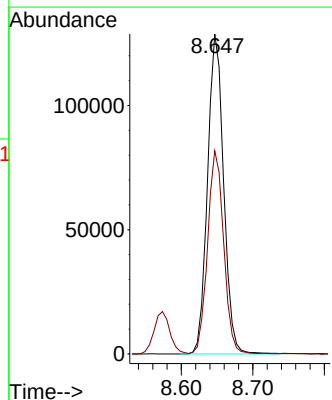
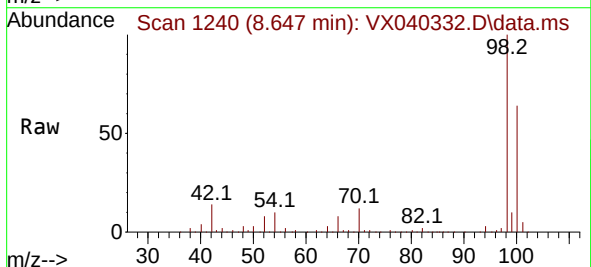
RT: 8.647 min Scan# 1240

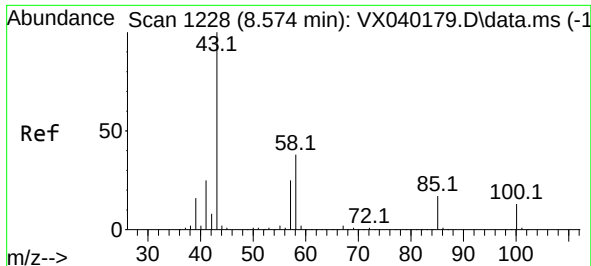
Delta R.T. -0.006 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

Tgt Ion: 98 Resp: 201215
 Ion Ratio Lower Upper
 98 100
 100 63.3 53.1 79.7





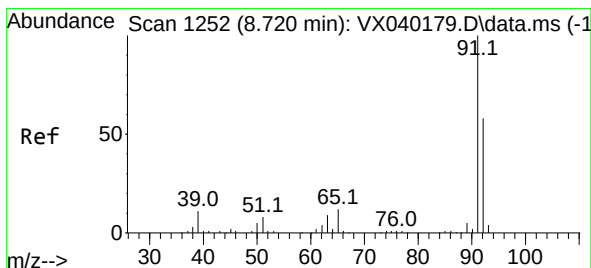
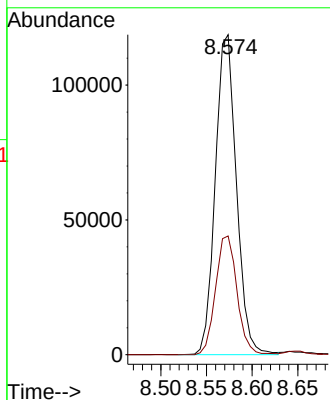
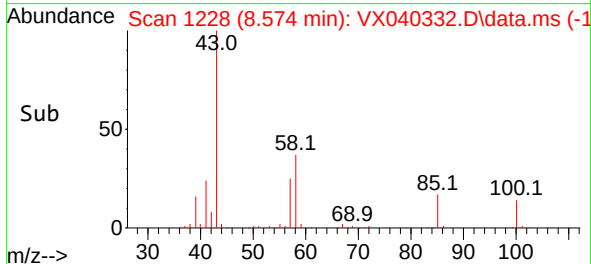
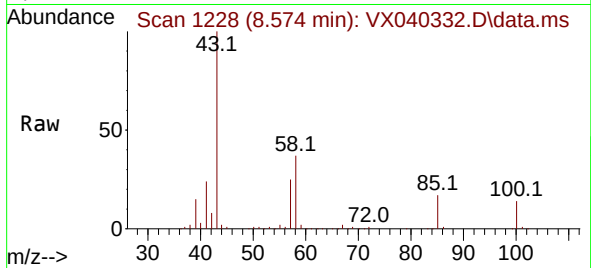
#51
4-Methyl-2-Pentanone
Concen: 104.519 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBSD01

Tgt Ion: 43 Resp: 19104
Ion Ratio Lower Upper
43 100
58 37.6 30.4 45.6

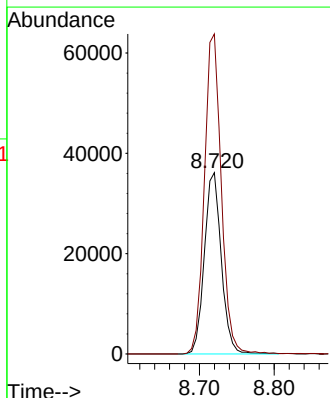
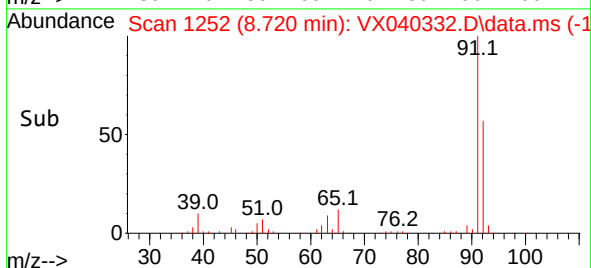
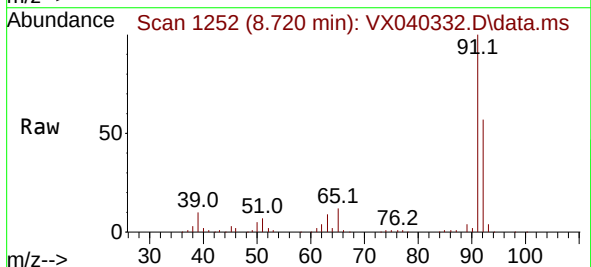
Manual Integrations
APPROVED

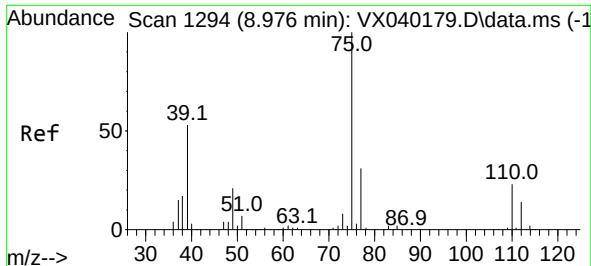
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#52
Toluene
Concen: 20.136 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Tgt Ion: 92 Resp: 56849
Ion Ratio Lower Upper
92 100
91 176.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 17.933 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBS01

Tgt Ion: 75 Resp: 31810

Ion Ratio Lower Upper

75 100

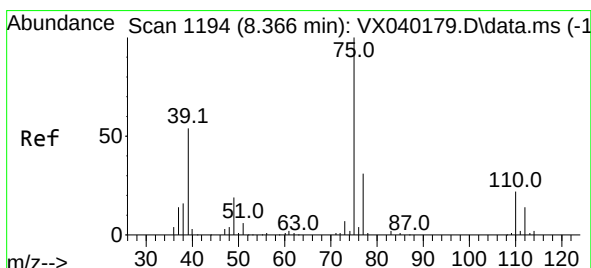
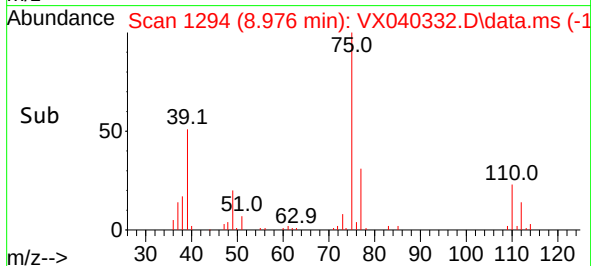
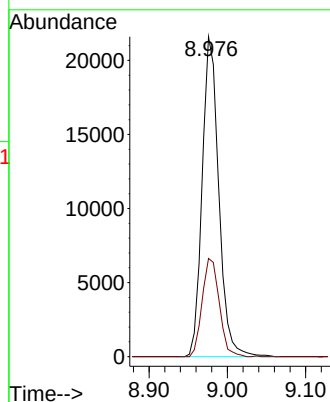
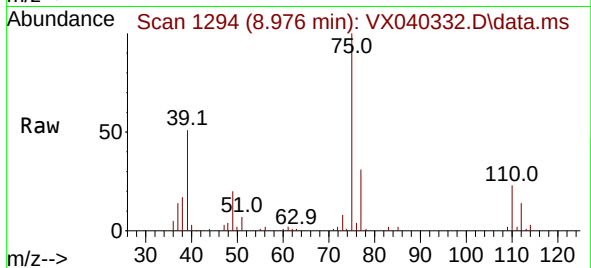
77 30.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#54

cis-1,3-Dichloropropene

Concen: 19.670 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

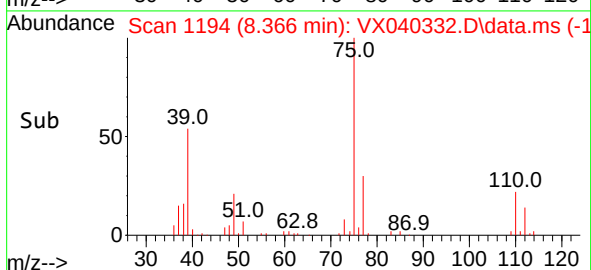
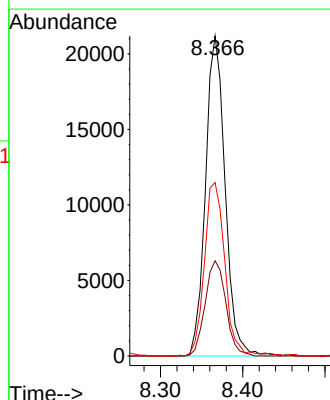
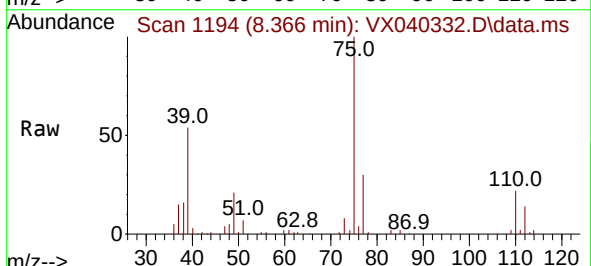
Tgt Ion: 75 Resp: 35096

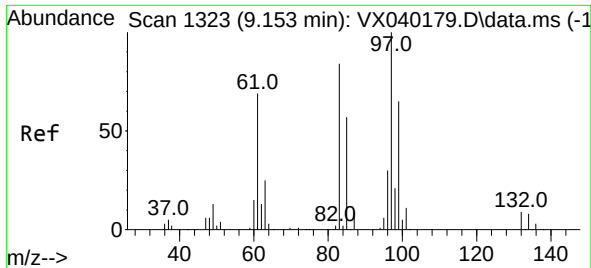
Ion Ratio Lower Upper

75 100

77 29.7 25.3 37.9

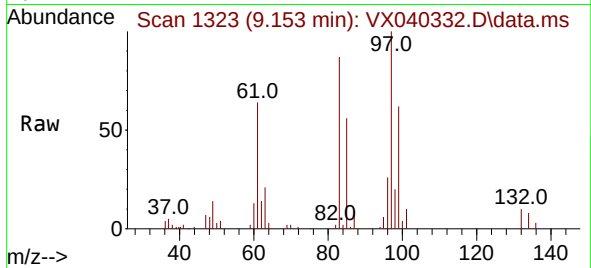
39 53.9 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 19.372 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

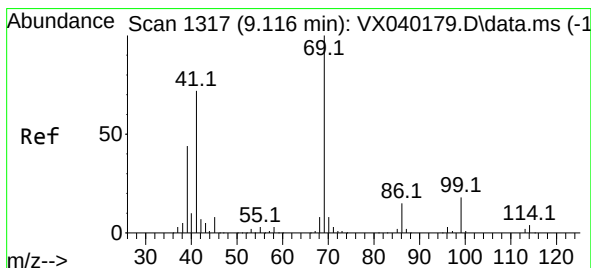
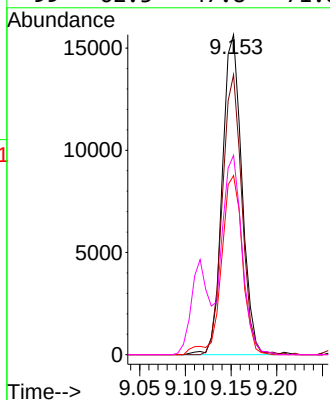
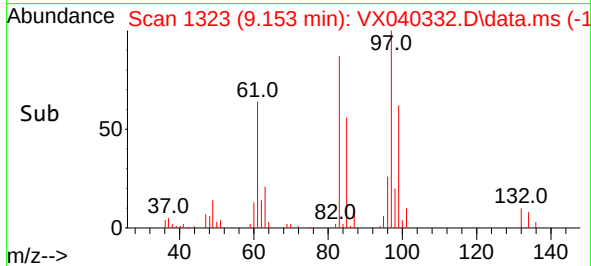
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBSD01



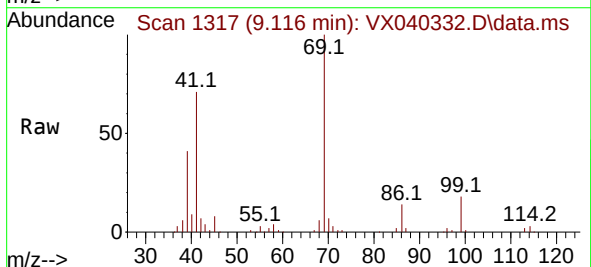
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.5	65.8	98.8
85	55.9	41.6	62.4
99	62.3	47.8	71.8

Manual Integrations
APPROVED

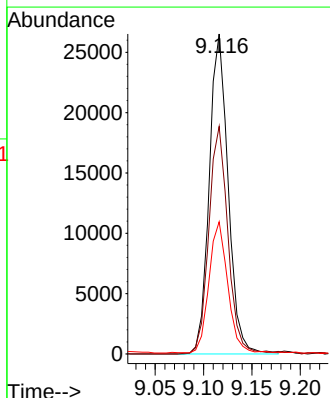
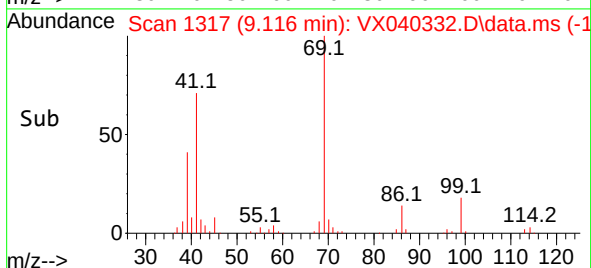
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

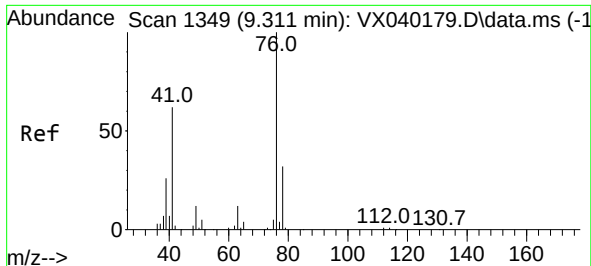


#56
Ethyl methacrylate
Concen: 20.027 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49



Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.0	56.8	85.2
39	40.7	32.0	48.0





#57

1,3-Dichloropropane

Concen: 20.340 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBS01

Tgt Ion: 76 Resp: 39970

Ion Ratio Lower Upper

76 100

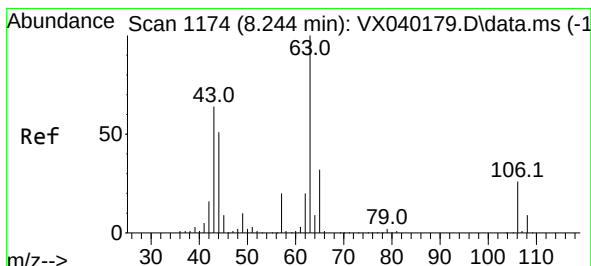
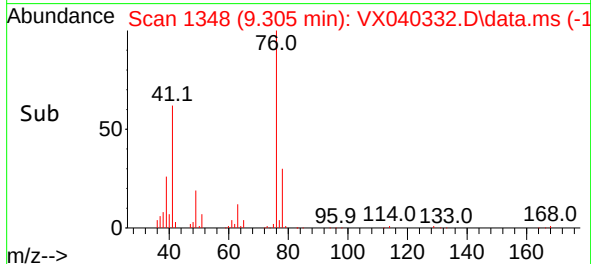
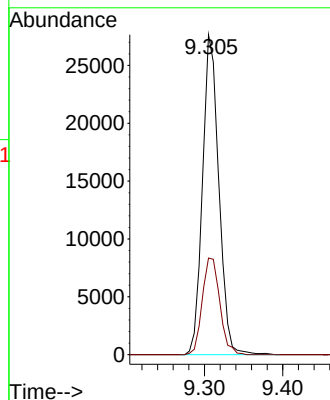
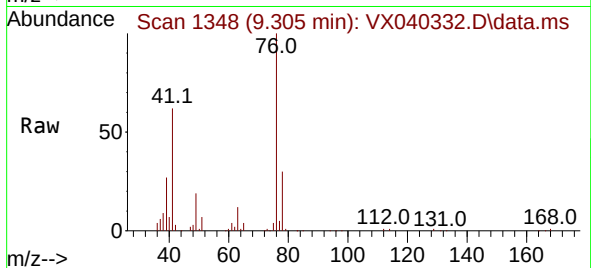
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#58

2-Chloroethyl Vinyl ether

Concen: 102.034 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX040332.D

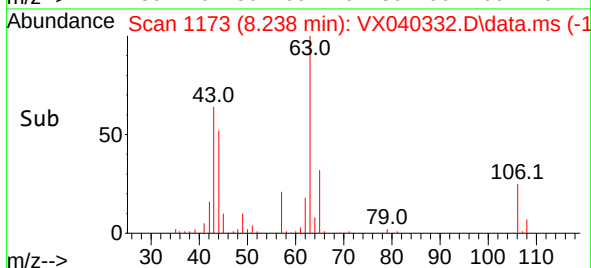
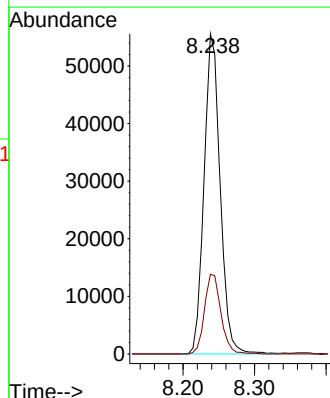
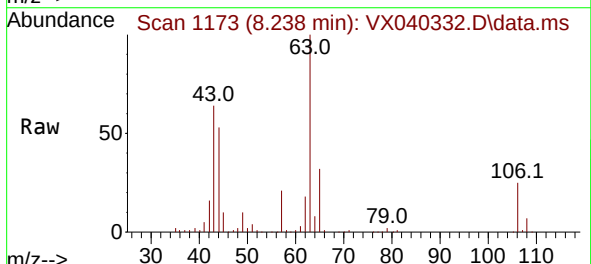
Acq: 19 Feb 2024 15:49

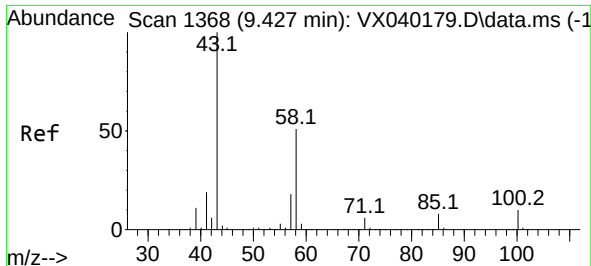
Tgt Ion: 63 Resp: 87010

Ion Ratio Lower Upper

63 100

106 25.4 22.5 33.7





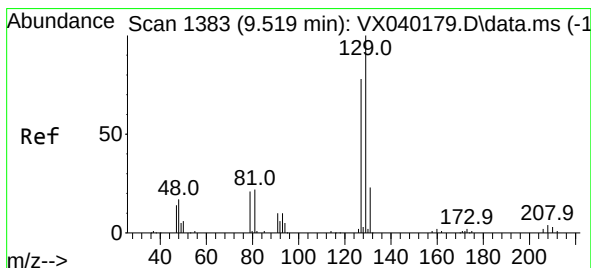
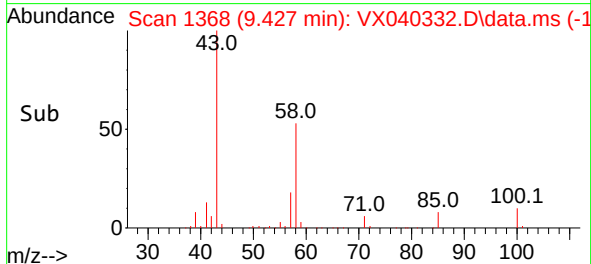
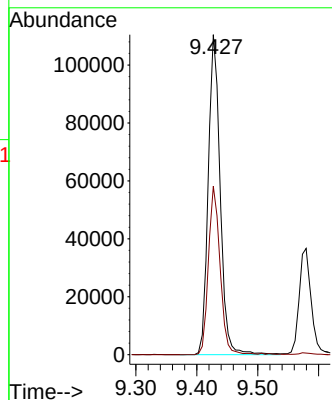
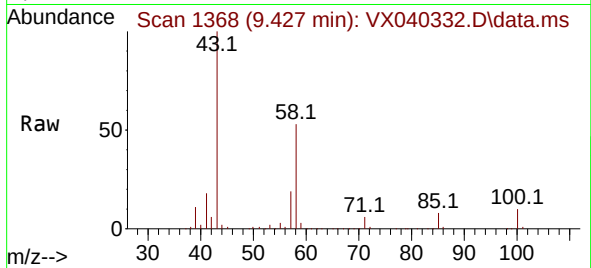
#59
2-Hexanone
Concen: 103.782 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01

Tgt Ion: 43 Resp: 15040
Ion Ratio Lower Upper
43 100
58 51.4 26.2 78.5

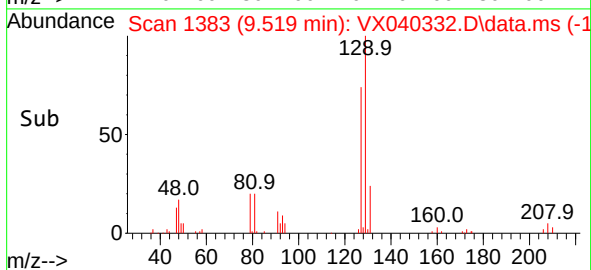
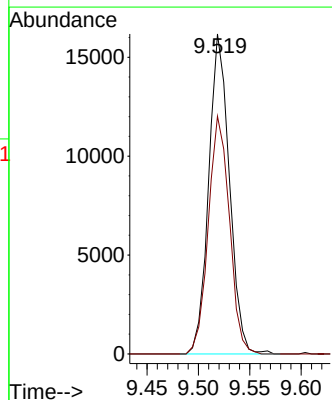
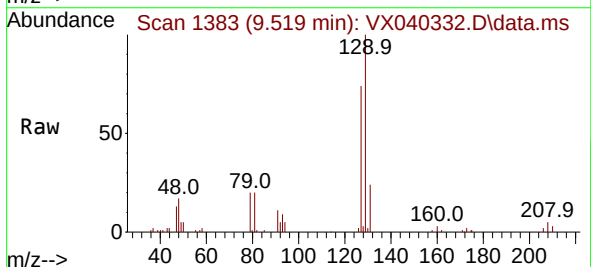
Manual Integrations
APPROVED

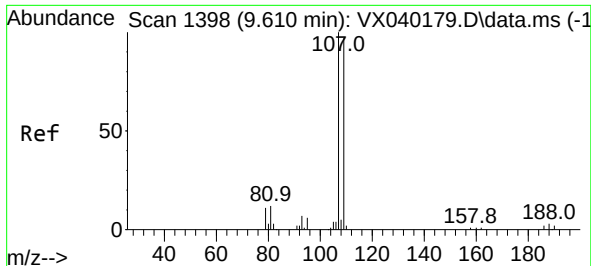
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#60
Dibromochloromethane
Concen: 18.488 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Tgt Ion:129 Resp: 22681
Ion Ratio Lower Upper
129 100
127 75.8 38.8 116.4





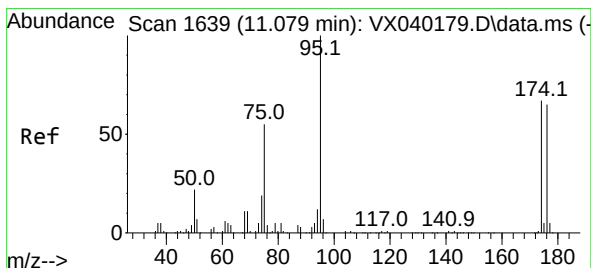
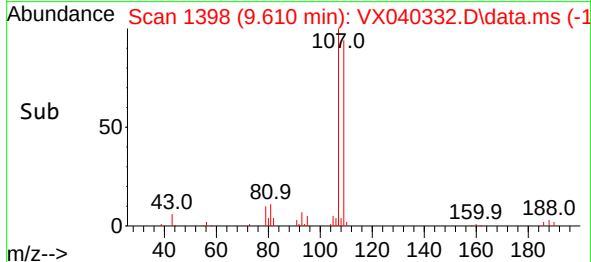
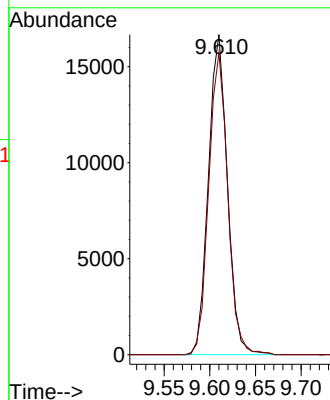
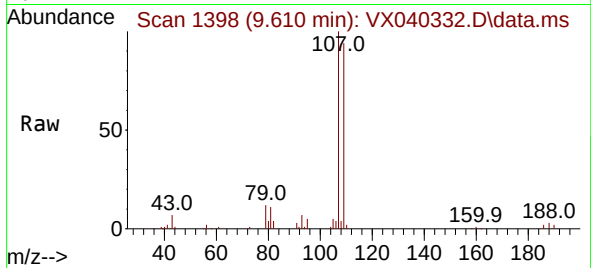
#61
1,2-Dibromoethane
Concen: 18.793 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBSD01

Tgt Ion:107 Resp: 24054
Ion Ratio Lower Upper
107 100
109 94.4 75.2 112.8

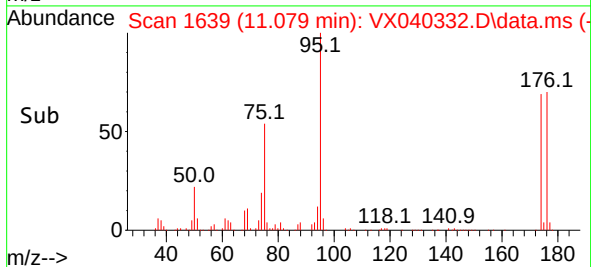
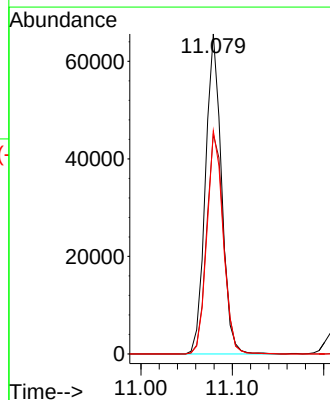
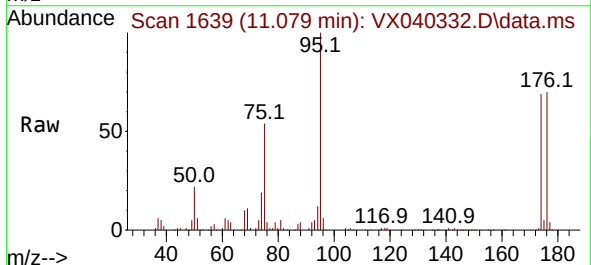
Manual Integrations
APPROVED

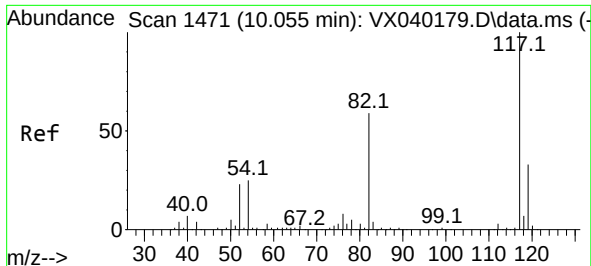
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#62
4-Bromofluorobenzene
Concen: 47.495 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

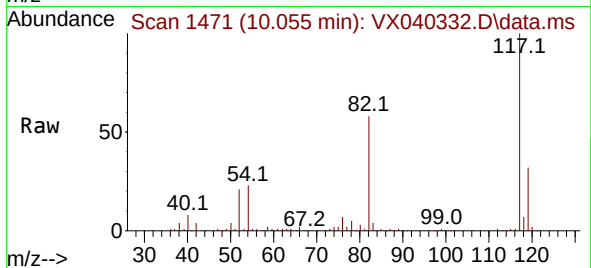
Tgt Ion: 95 Resp: 79725
Ion Ratio Lower Upper
95 100
174 72.4 0.0 135.6
176 70.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

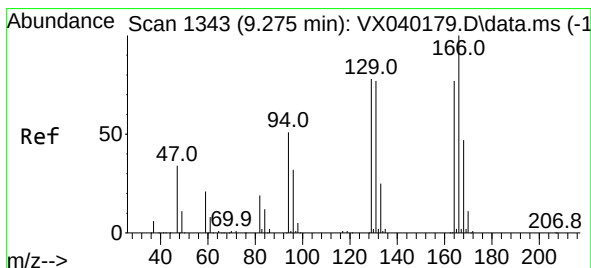
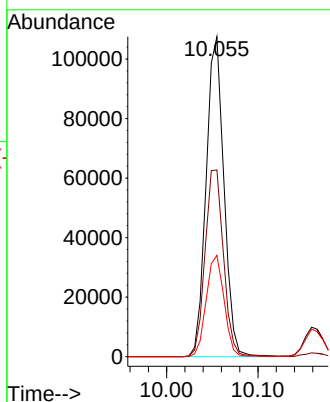
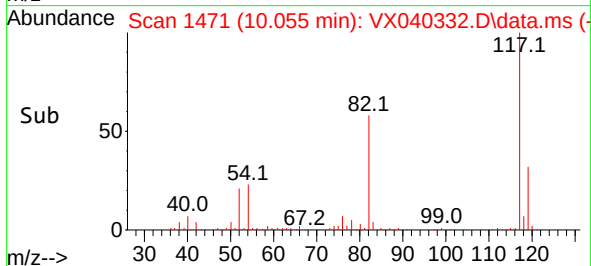
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBSD01



Tgt Ion:117 Resp: 14518
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.4
119 31.7 25.5 38.3

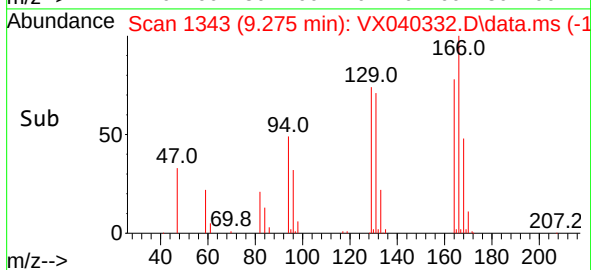
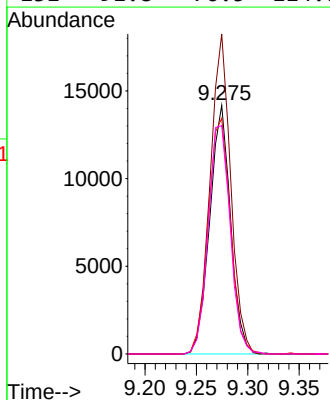
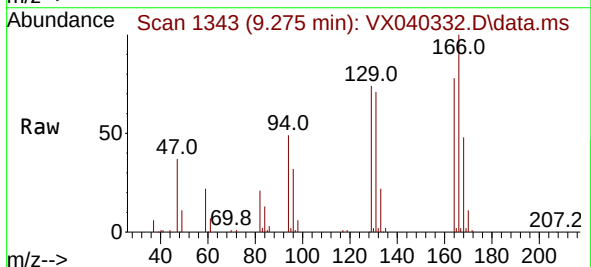
Manual Integrations
APPROVED

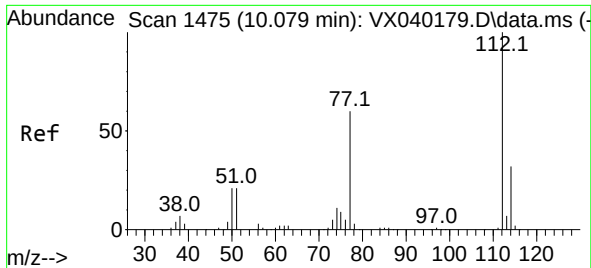
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#64
Tetrachloroethene
Concen: 19.534 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Tgt Ion:164 Resp: 19874
Ion Ratio Lower Upper
164 100
166 128.7 102.7 154.1
129 94.8 80.4 120.6
131 91.8 76.5 114.7





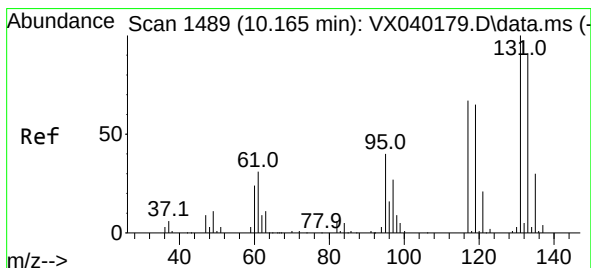
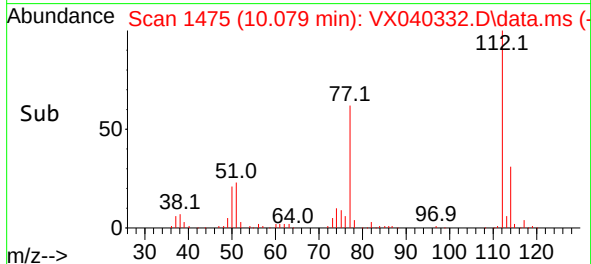
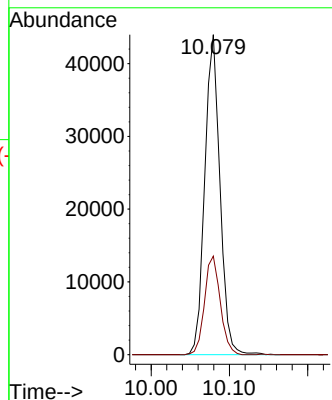
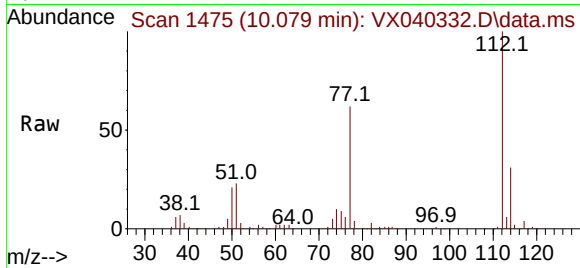
#65
Chlorobenzene
Concen: 19.499 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01

Tgt Ion:112 Resp: 5908
Ion Ratio Lower Upper
112 100
114 30.8 25.7 38.5

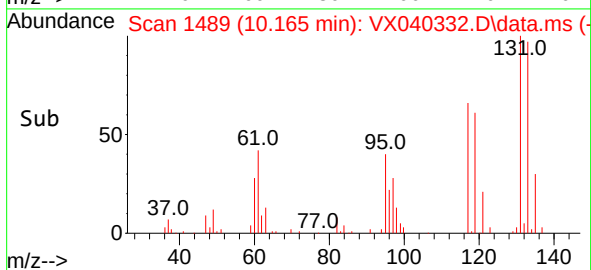
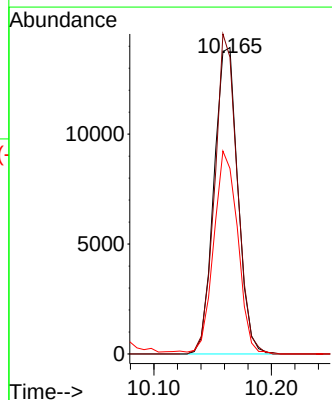
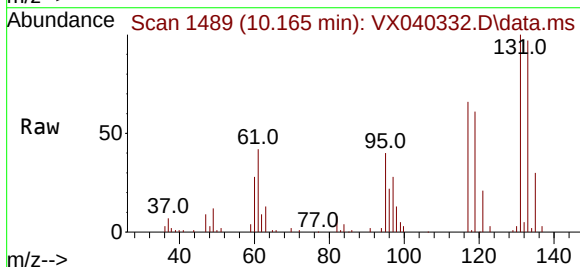
Manual Integrations
APPROVED

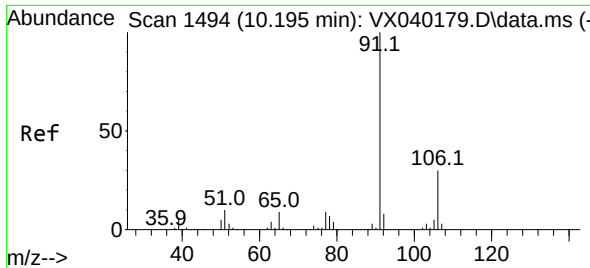
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.747 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Tgt Ion:131 Resp: 19673
Ion Ratio Lower Upper
131 100
133 99.1 47.1 141.4
119 66.6 32.2 96.6





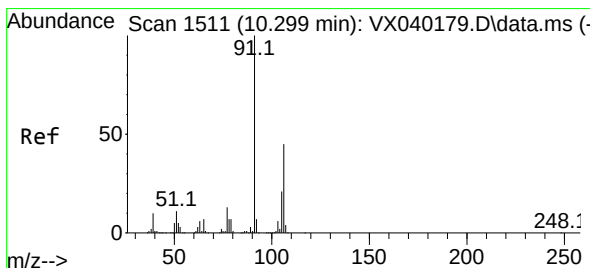
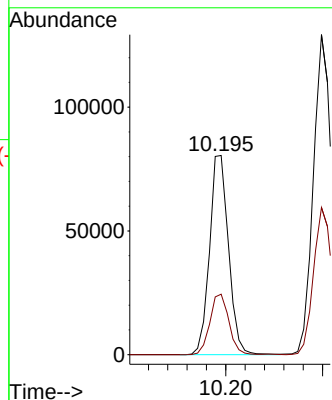
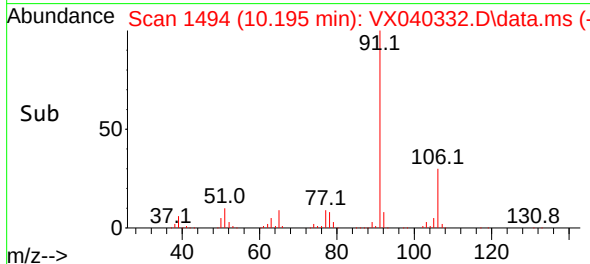
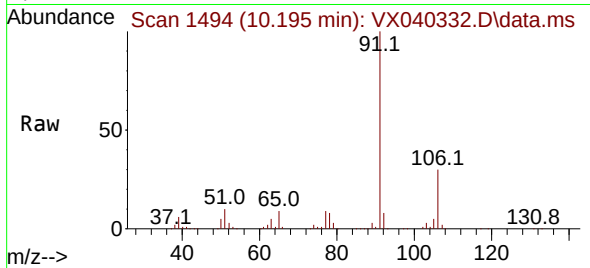
#67
Ethyl Benzene
Concen: 20.364 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBSD01

Tgt Ion: 91 Resp: 10989
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3

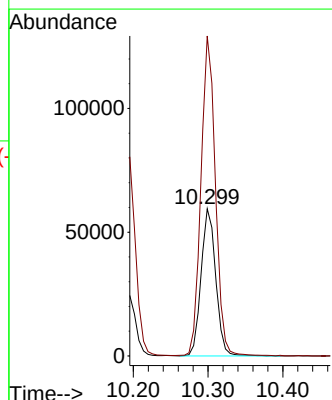
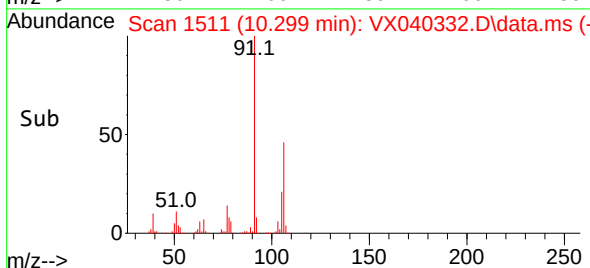
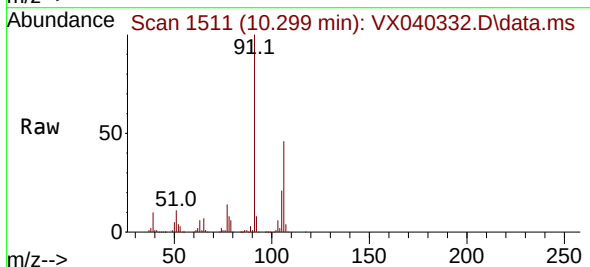
Manual Integrations
APPROVED

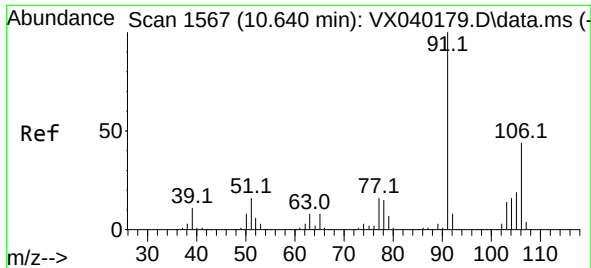
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#68
m/p-Xylenes
Concen: 39.655 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Tgt Ion:106 Resp: 80820
Ion Ratio Lower Upper
106 100
91 214.4 165.5 248.3





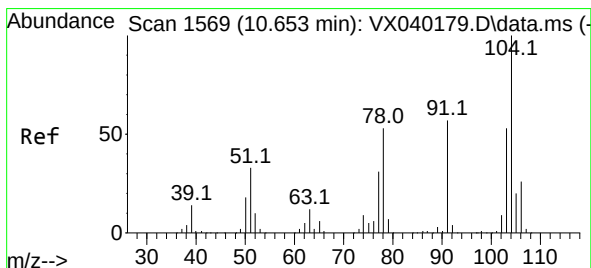
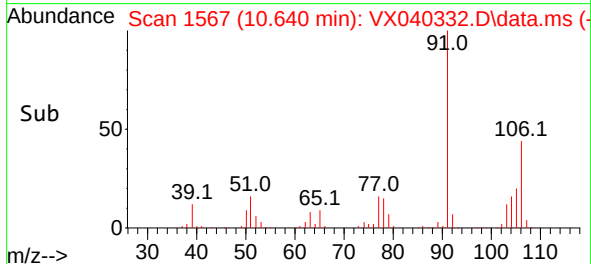
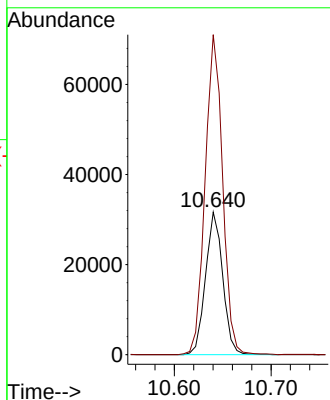
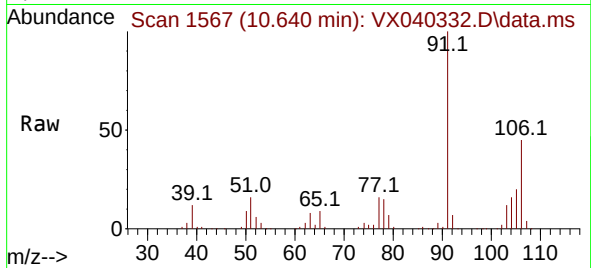
#69
o-Xylene
Concen: 19.851 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBSD01

Tgt Ion:106 Resp: 39310
Ion Ratio Lower Upper
106 100
91 227.4 108.9 326.8

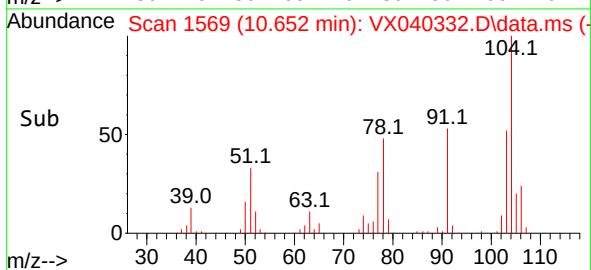
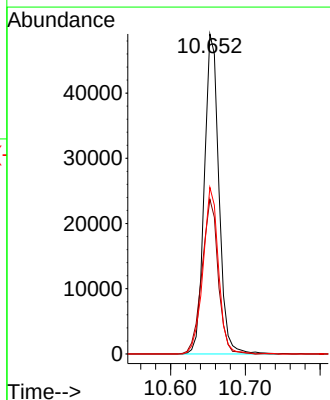
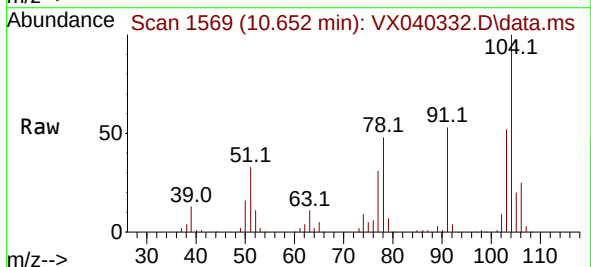
Manual Integrations
APPROVED

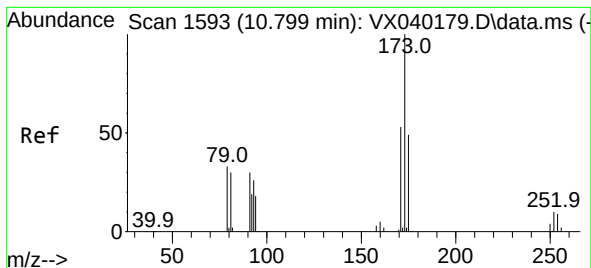
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#70
Styrene
Concen: 20.187 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Tgt Ion:104 Resp: 66472
Ion Ratio Lower Upper
104 100
78 53.7 43.6 65.4
103 54.9 43.6 65.4





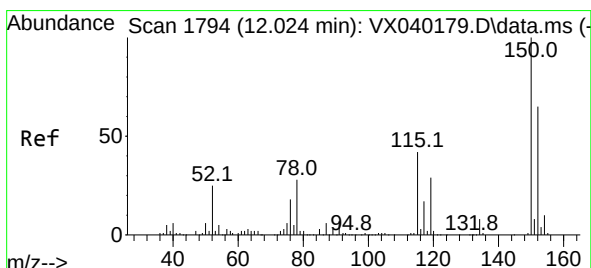
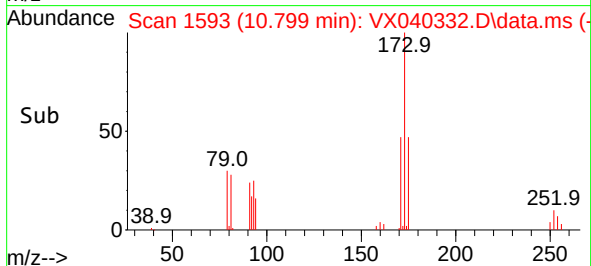
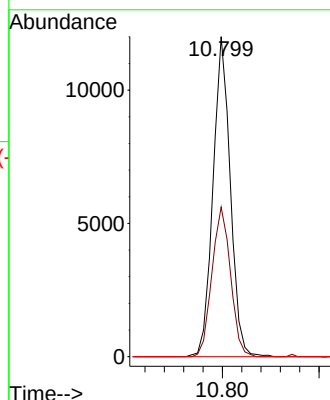
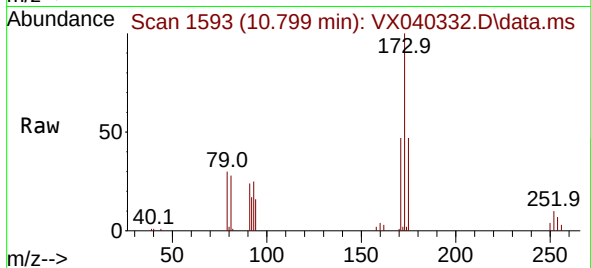
#71
Bromoform
Concen: 16.500 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01

Tgt Ion:173 Resp: 1491
Ion Ratio Lower Upper
173 100
175 50.1 24.1 72.4
254 0.0 0.0 0.0

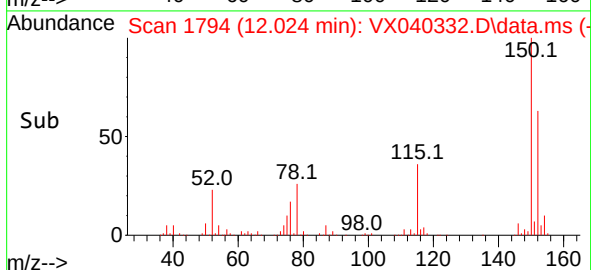
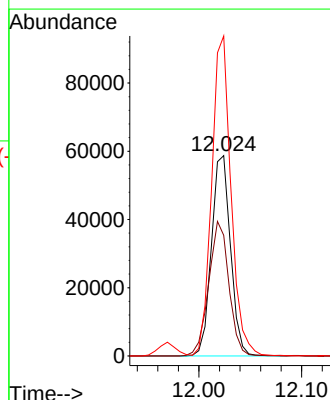
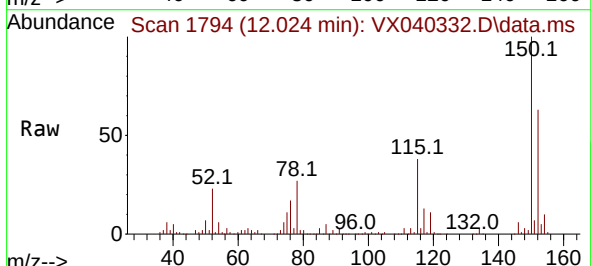
Manual Integrations
APPROVED

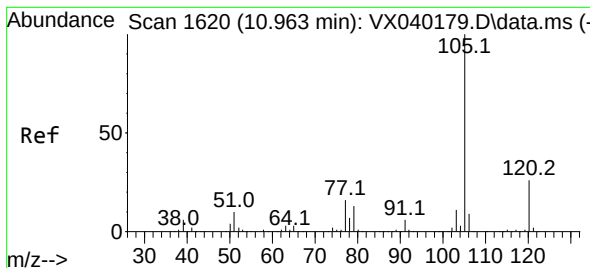
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Tgt Ion:152 Resp: 75703
Ion Ratio Lower Upper
152 100
115 71.3 43.3 129.9
150 162.3 0.0 345.0





#73

Isopropylbenzene

Concen: 19.868 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBSD01

Tgt Ion:105 Resp: 105938

Ion Ratio Lower Upper

105 100

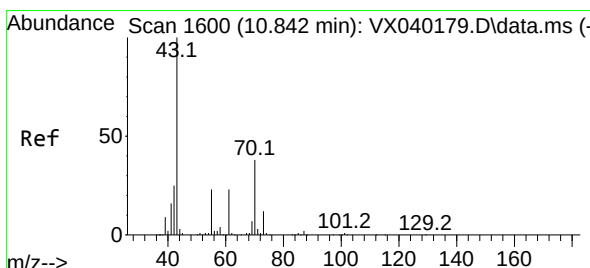
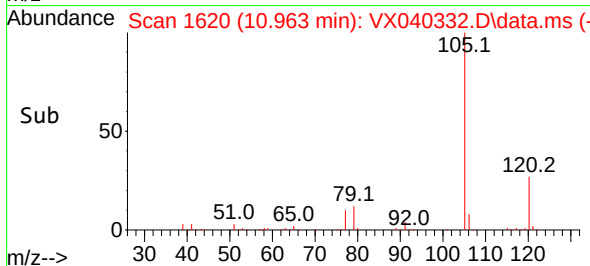
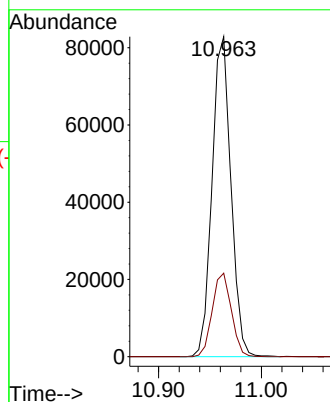
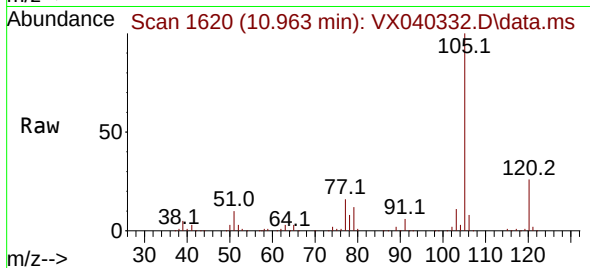
120 26.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#74

N-ethyl acetate

Concen: 21.057 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

Tgt Ion: 43 Resp: 48127

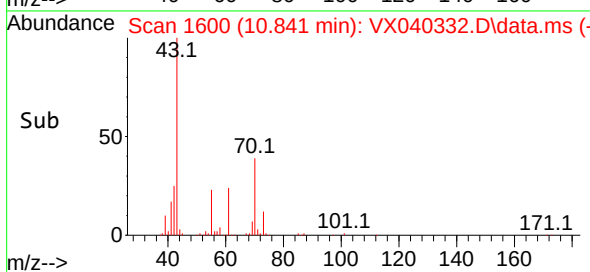
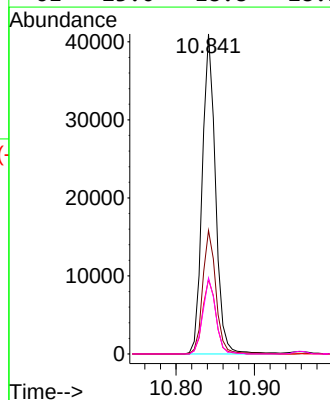
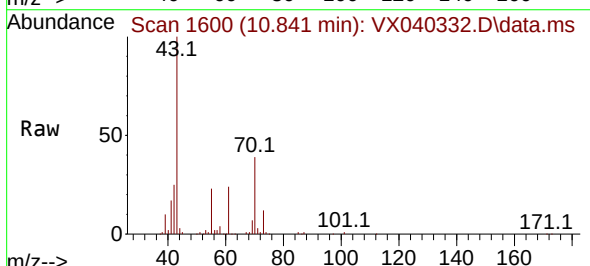
Ion Ratio Lower Upper

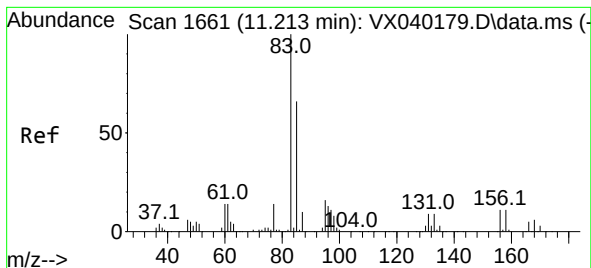
43 100

70 38.7 32.9 49.3

55 23.4 19.3 28.9

61 23.0 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.874 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBSD01

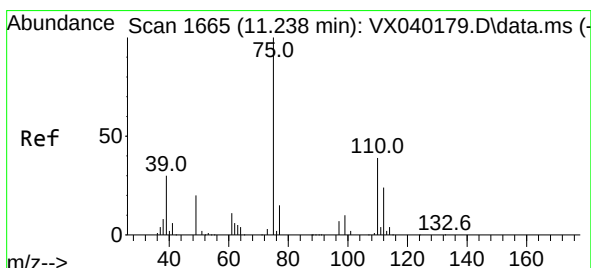
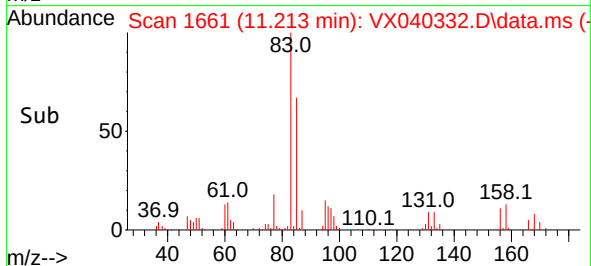
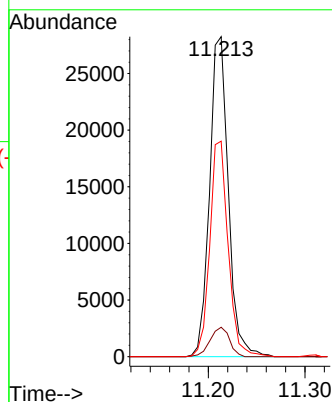
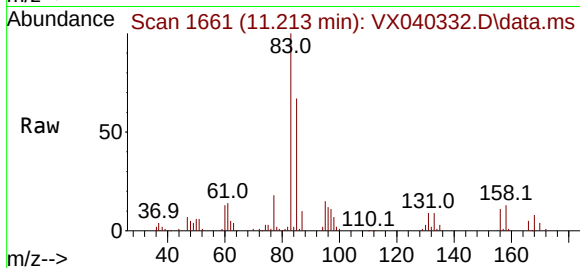
Tgt Ion:	83	Resp:	3807
Ion Ratio	Lower	Upper	
83	100		
131	9.5	5.3	15.8
85	66.0	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#76

1,2,3-Trichloropropane

Concen: 21.240 ug/l m

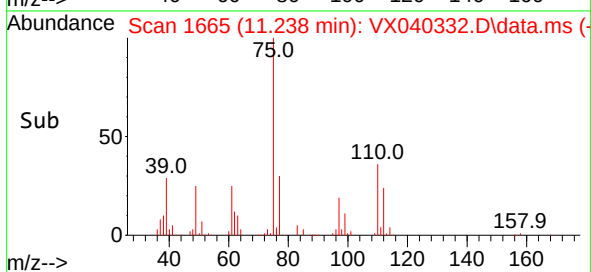
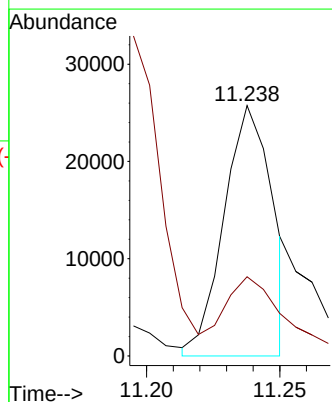
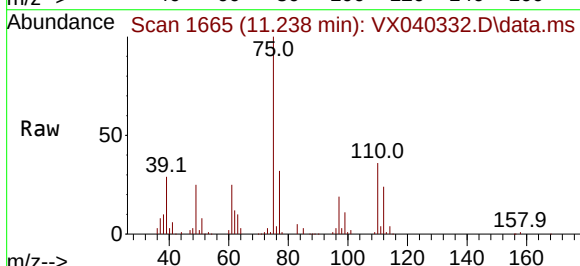
RT: 11.238 min Scan# 1665

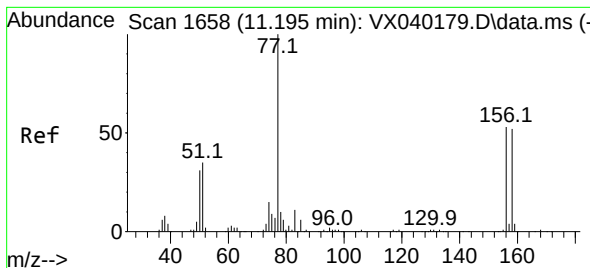
Delta R.T. 0.000 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

Tgt Ion:	75	Resp:	32561
Ion Ratio	Lower	Upper	
75	100		
77	40.4	19.1	57.5





#77

Bromobenzene

Concen: 20.115 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBS01

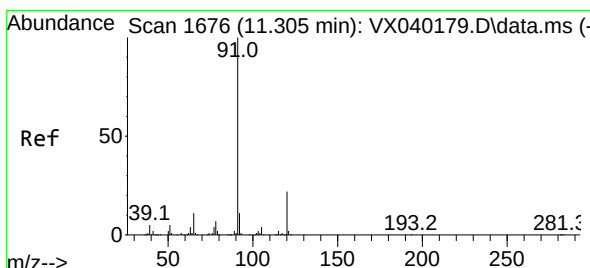
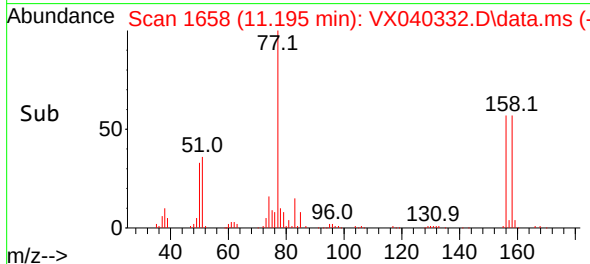
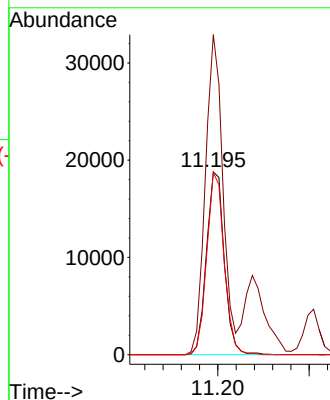
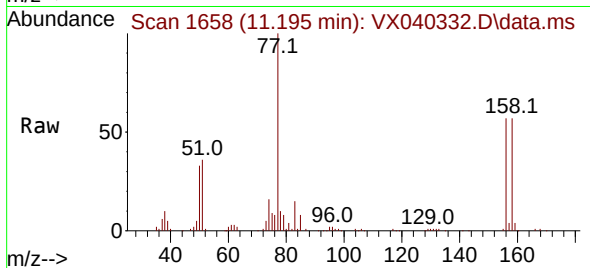
Tgt Ion:	156	Resp:	2533
Ion Ratio	Lower	Upper	
156	100		
77	171.5	88.4	265.3
158	97.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#78

n-propylbenzene

Concen: 20.520 ug/l

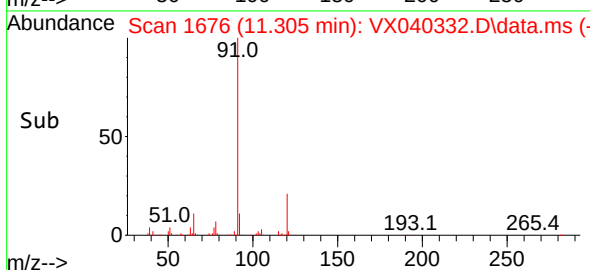
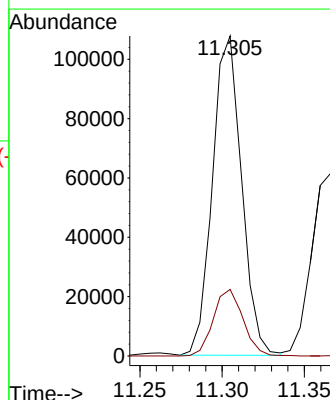
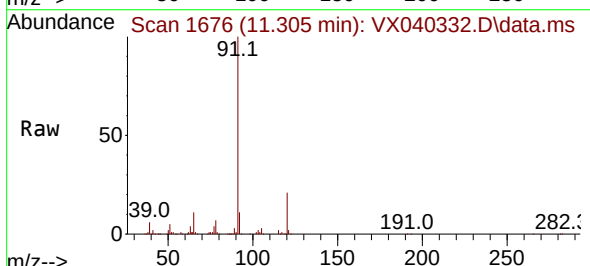
RT: 11.305 min Scan# 1676

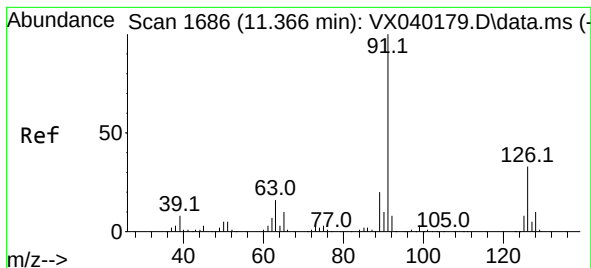
Delta R.T. 0.000 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

Tgt Ion:	91	Resp:	132466
Ion Ratio	Lower	Upper	
91	100		
120	21.3	11.5	34.4





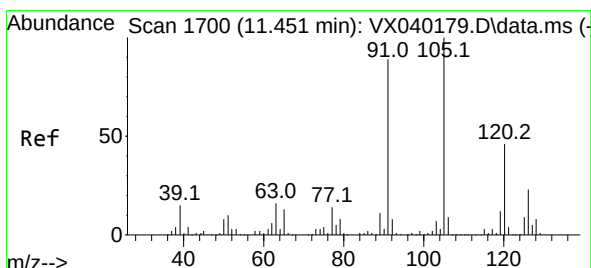
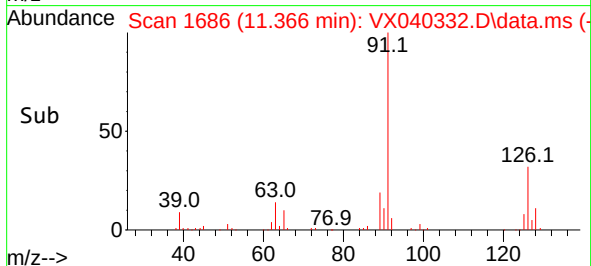
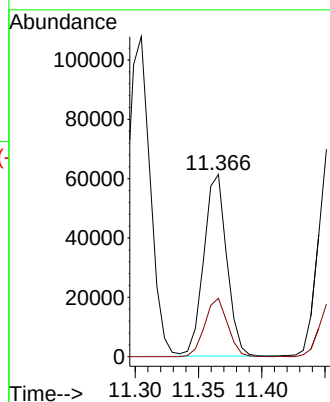
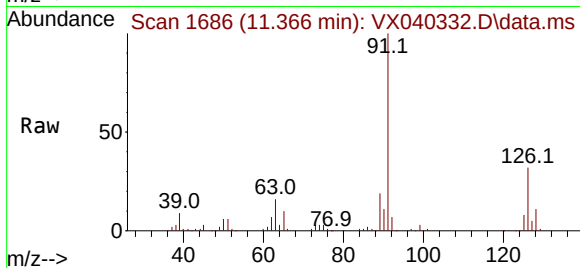
#79
2-Chlorotoluene
Concen: 19.891 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBSD01

Tgt Ion: 91 Resp: 77538
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8

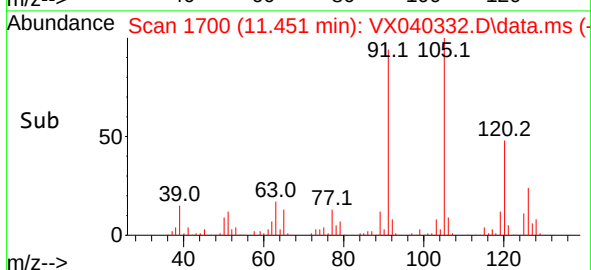
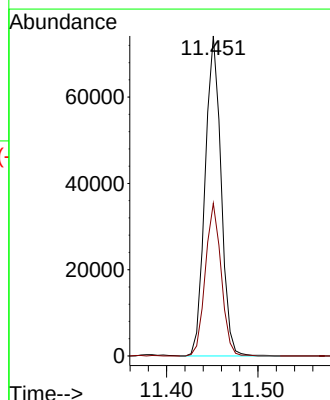
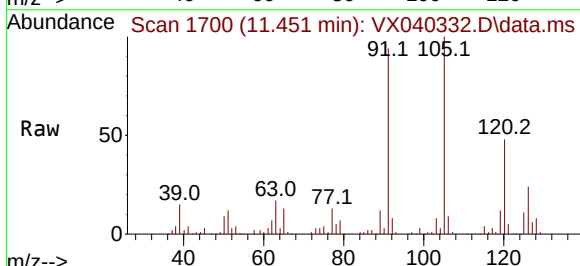
Manual Integrations
APPROVED

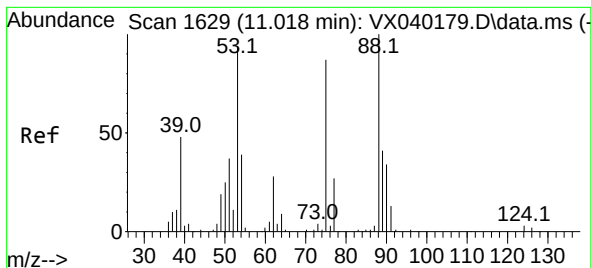
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.957 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Tgt Ion:105 Resp: 89585
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3





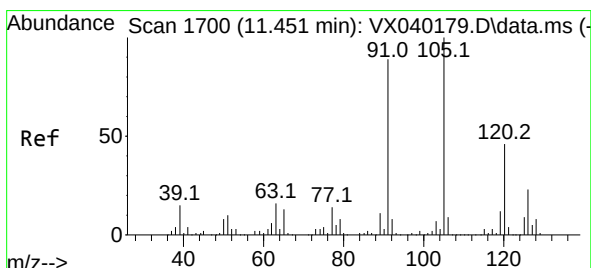
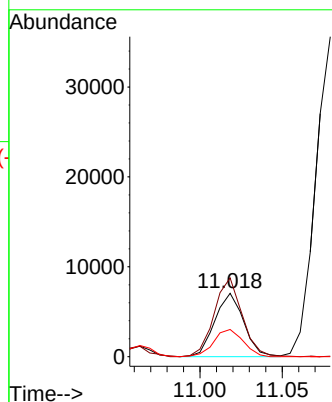
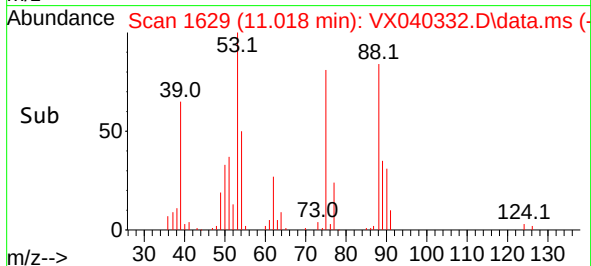
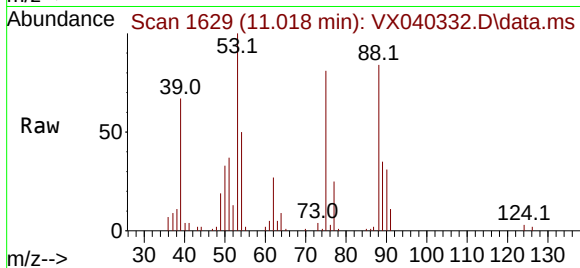
#81
trans-1,4-Dichloro-2-butene
Concen: 18.248 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

Instrument :
MSVOA_X
ClientSampleId :
VX0219MBSD01

Tgt Ion: 75 Resp: 863
Ion Ratio Lower Upper
75 100
53 120.2 90.5 135.7
89 43.6 36.9 55.3

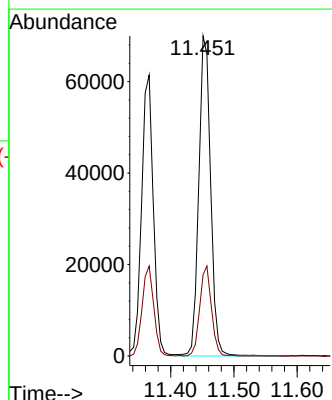
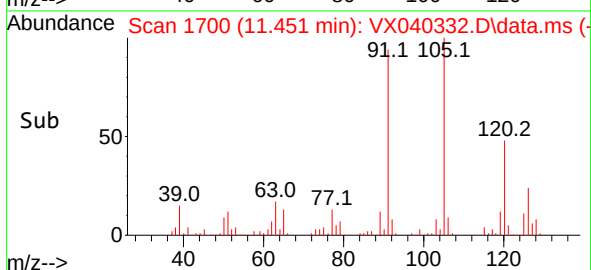
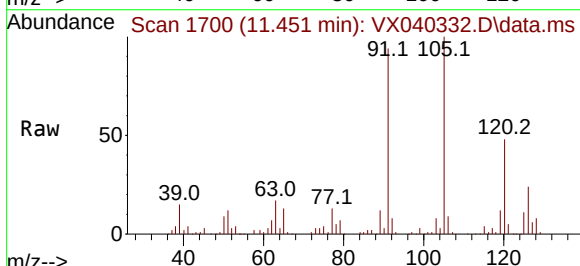
Manual Integrations
APPROVED

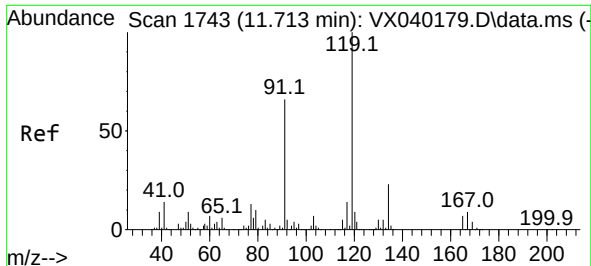
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#82
4-Chlorotoluene
Concen: 19.748 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

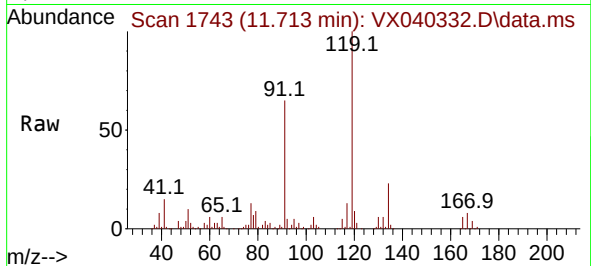
Tgt Ion: 91 Resp: 91210
Ion Ratio Lower Upper
91 100
126 27.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 19.353 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

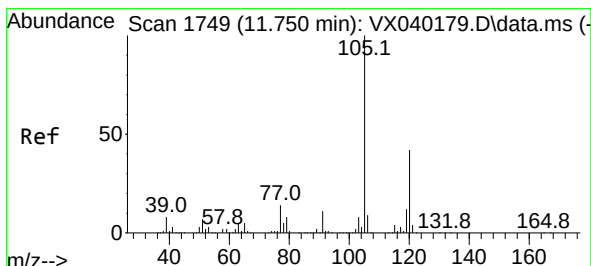
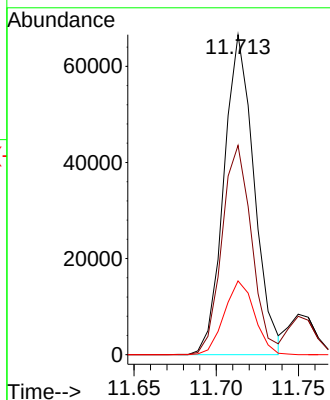
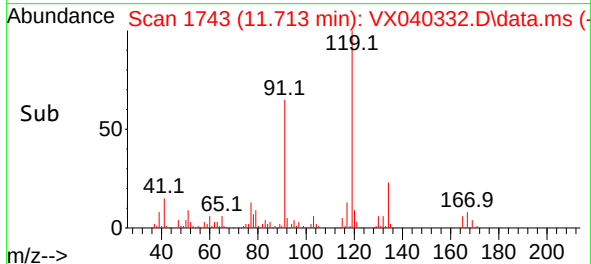
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBSD01



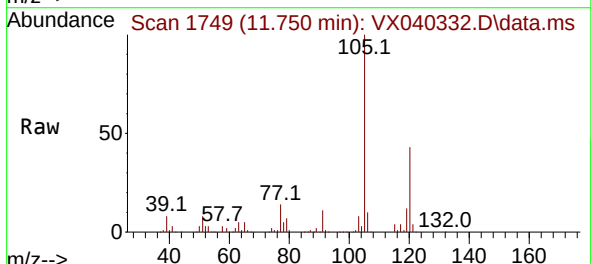
Tgt Ion:119 Resp: 85170
Ion Ratio Lower Upper
119 100
91 64.7 31.2 93.6
134 23.1 11.7 35.0

Manual Integrations
APPROVED

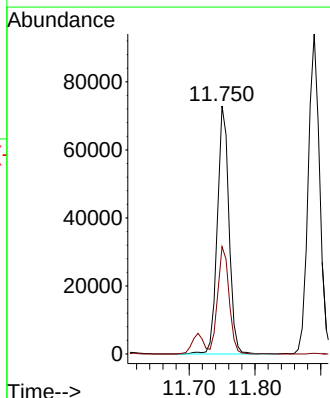
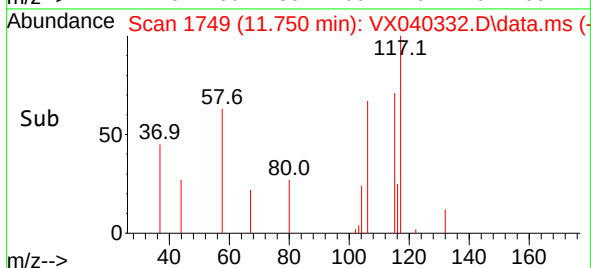
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

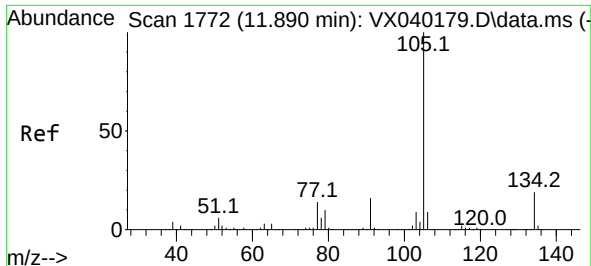


#84
1,2,4-Trimethylbenzene
Concen: 19.745 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49



Tgt Ion:105 Resp: 89672
Ion Ratio Lower Upper
105 100
120 42.2 21.2 63.6





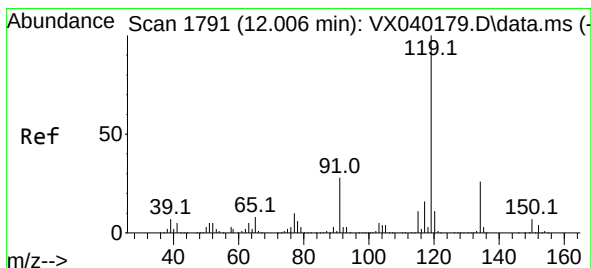
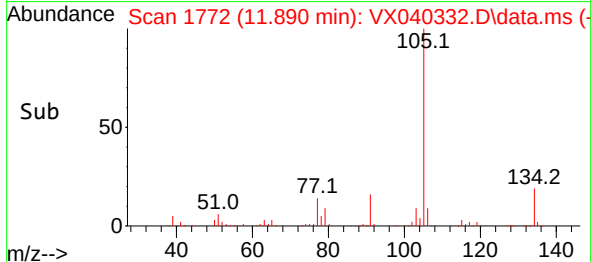
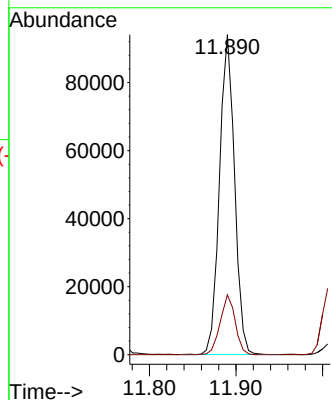
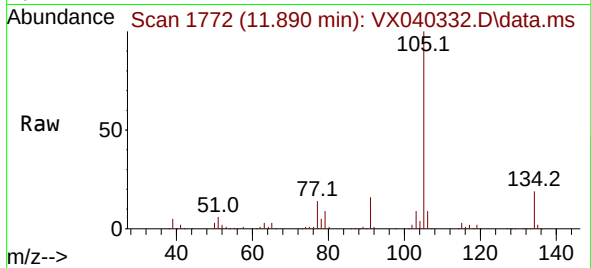
#85
 sec-Butylbenzene
 Concen: 20.079 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040332.D
 Acq: 19 Feb 2024 15:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219MBS01

Tgt Ion:105 Resp: 11356
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.8 29.4

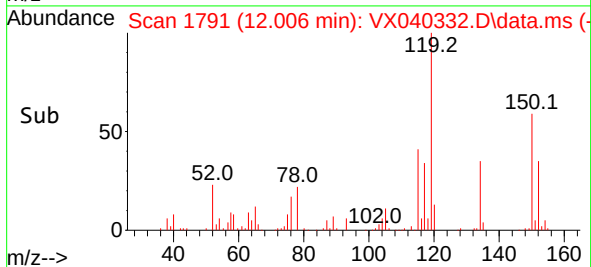
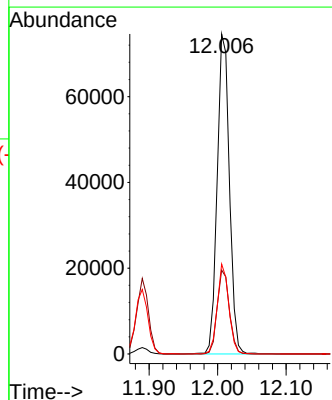
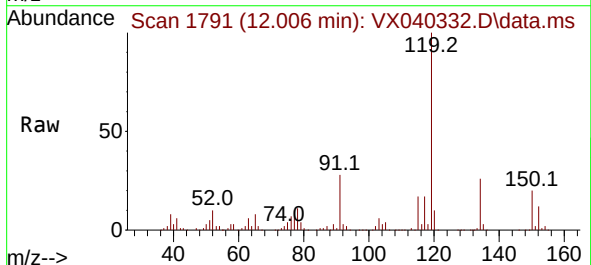
Manual Integrations
 APPROVED

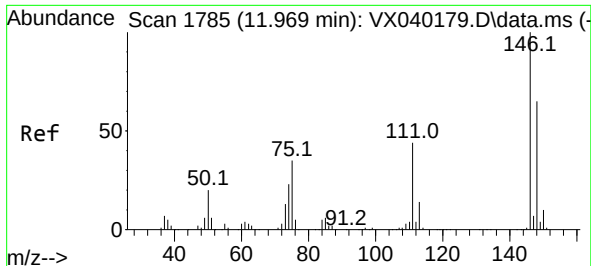
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024



#86
 p-Isopropyltoluene
 Concen: 19.857 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040332.D
 Acq: 19 Feb 2024 15:49

Tgt Ion:119 Resp: 92064
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 26.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.047 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBSD01

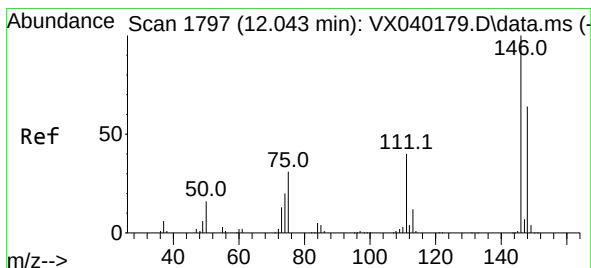
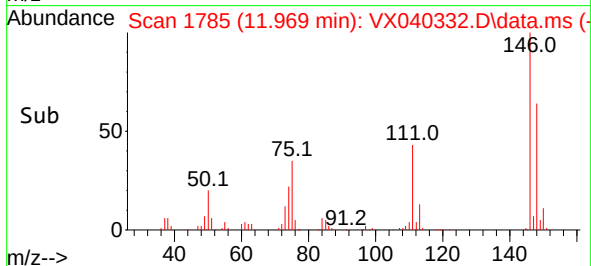
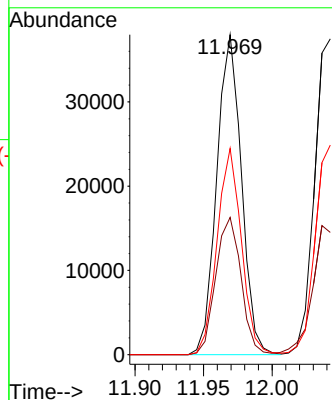
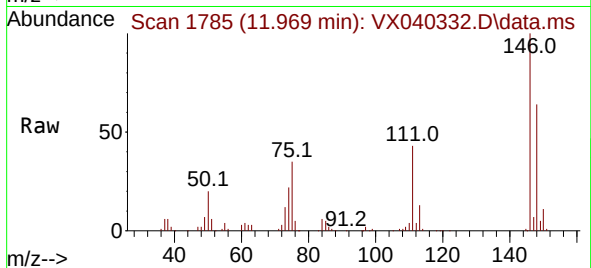
Tgt Ion:146 Resp: 47528
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.1 66.1
 148 63.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#88

1,4-Dichlorobenzene

Concen: 18.696 ug/l

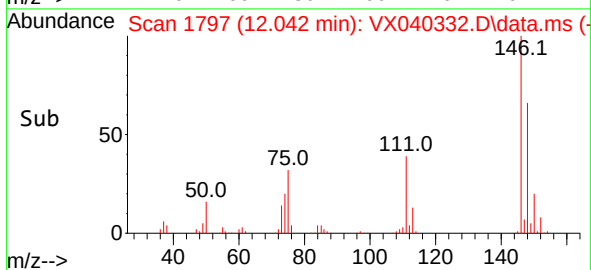
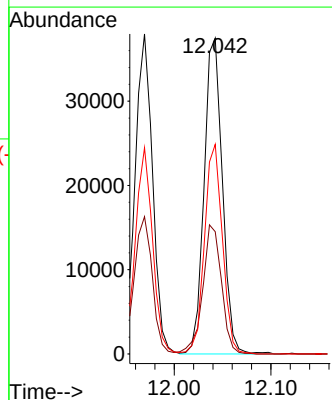
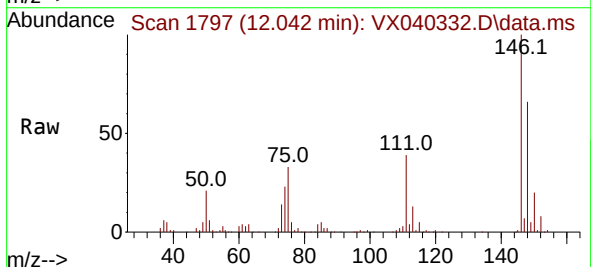
RT: 12.042 min Scan# 1797

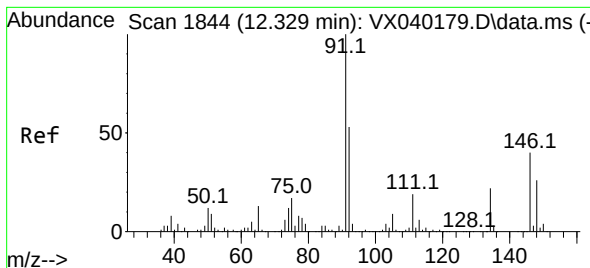
Delta R.T. 0.000 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

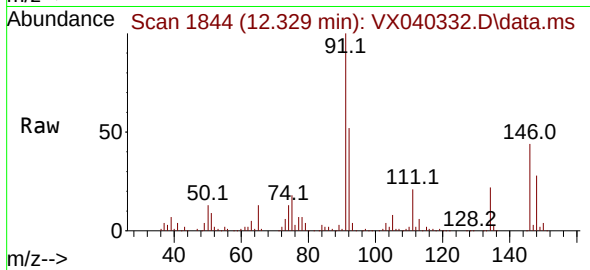
Tgt Ion:146 Resp: 49399
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.3 63.7
 148 65.1 31.8 95.4





#89
n-Butylbenzene
Concen: 19.411 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

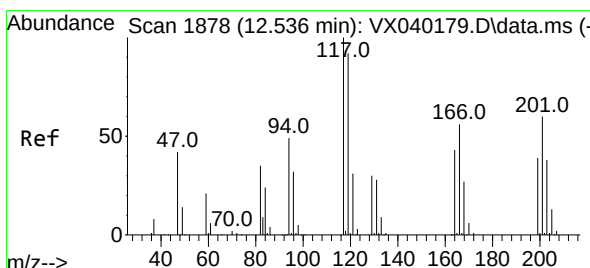
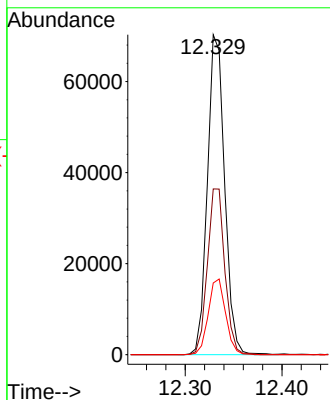
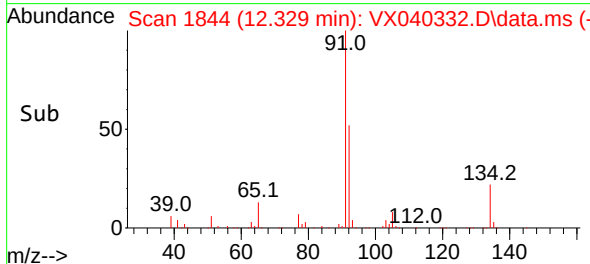
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01



Tgt Ion: 91 Resp: 86870
Ion Ratio Lower Upper
91 100
92 52.3 27.4 82.0
134 23.8 12.6 37.8

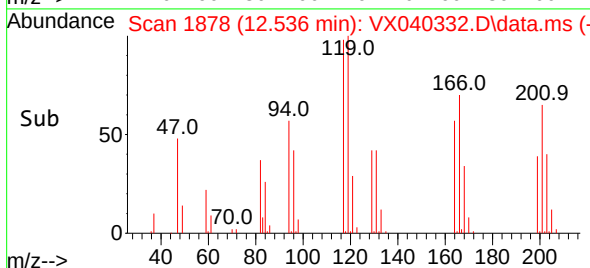
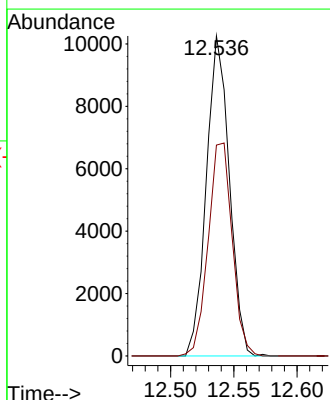
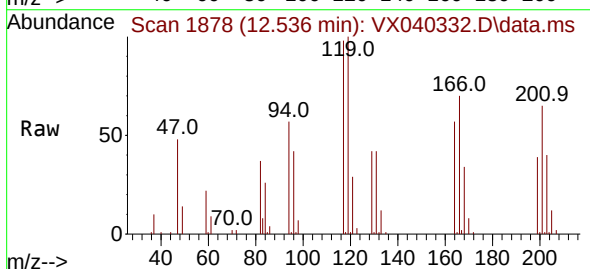
Manual Integrations
APPROVED

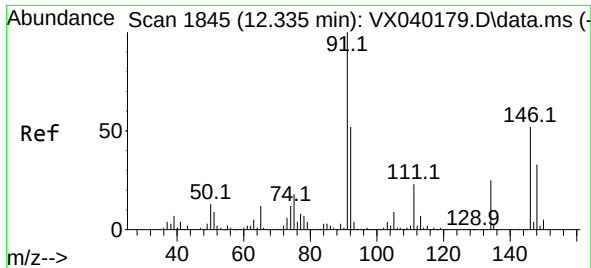
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#90
Hexachloroethane
Concen: 17.737 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

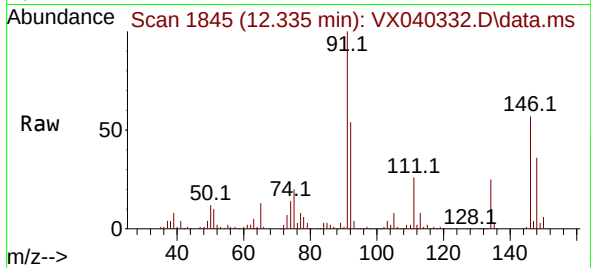
Tgt Ion:117 Resp: 12971
Ion Ratio Lower Upper
117 100
201 69.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 19.681 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49

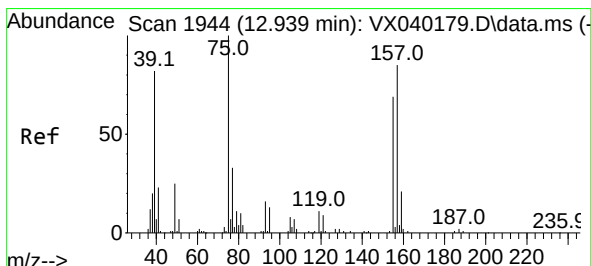
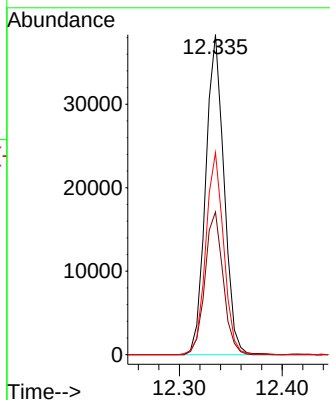
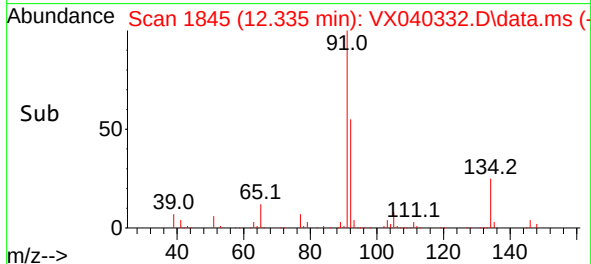
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBS01



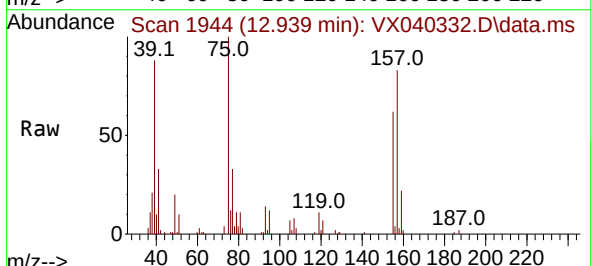
Tgt Ion:146 Resp: 4754
Ion Ratio Lower Upper
146 100
111 44.3 22.4 67.0
148 61.7 31.6 95.0

Manual Integrations
APPROVED

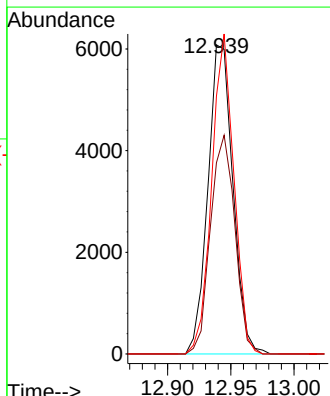
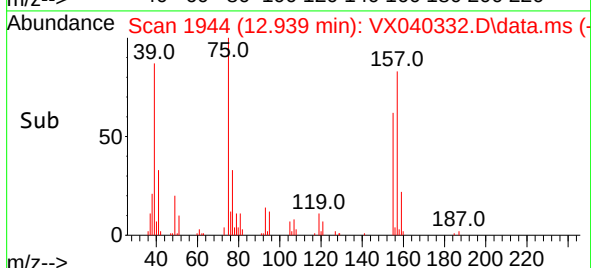
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

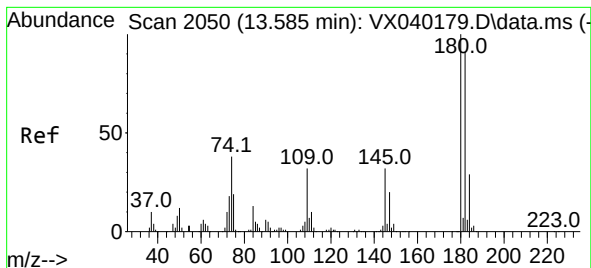


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.960 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX040332.D
Acq: 19 Feb 2024 15:49



Tgt Ion: 75 Resp: 8383
Ion Ratio Lower Upper
75 100
155 68.9 36.1 108.5
157 91.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 18.142 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBS01

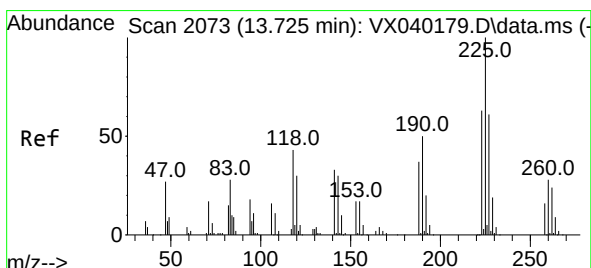
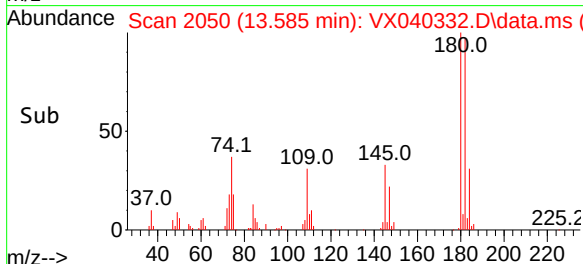
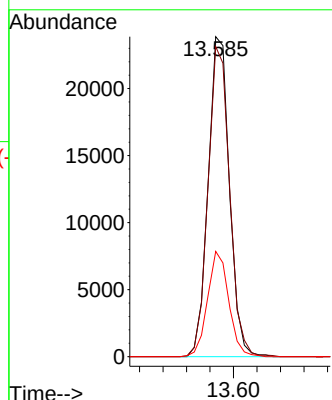
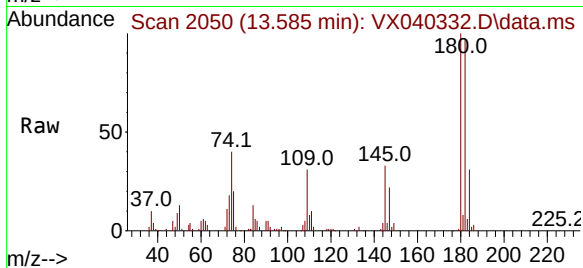
Tgt Ion:180	Resp:	3000
Ion Ratio	Lower	Upper
180	100	
182	98.1	48.3 144.8
145	32.8	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#94

Hexachlorobutadiene

Concen: 16.903 ug/l

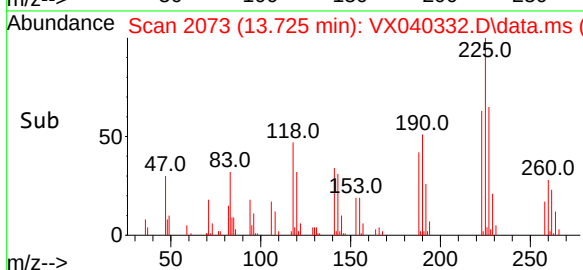
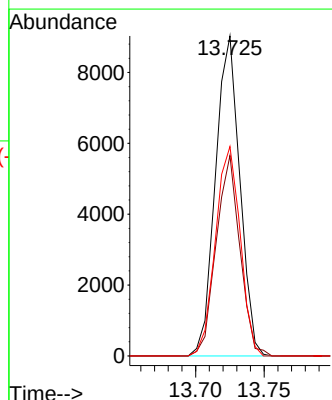
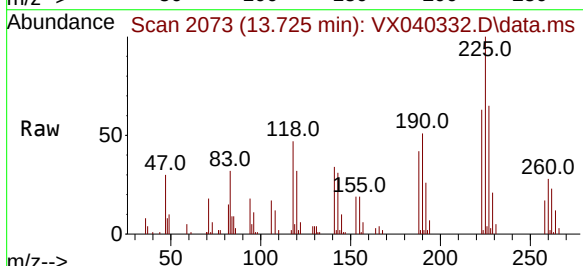
RT: 13.725 min Scan# 2073

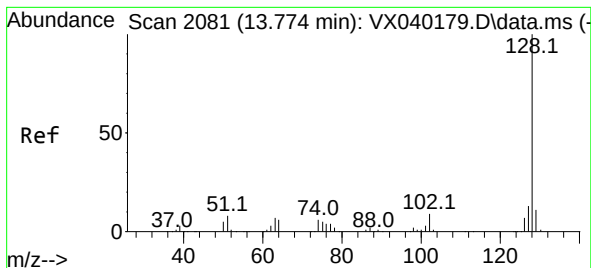
Delta R.T. 0.000 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

Tgt Ion:225	Resp:	11156
Ion Ratio	Lower	Upper
225	100	
223	60.9	31.1 93.2
227	66.4	32.5 97.5





#95

Naphthalene

Concen: 19.264 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBSD01

Tgt Ion:128 Resp: 100620

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

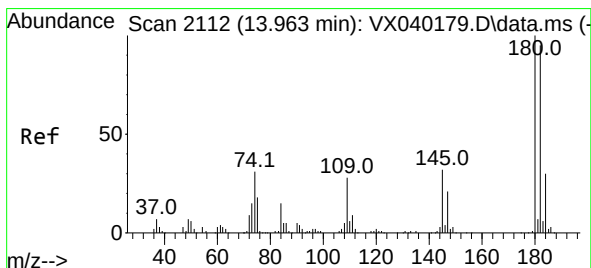
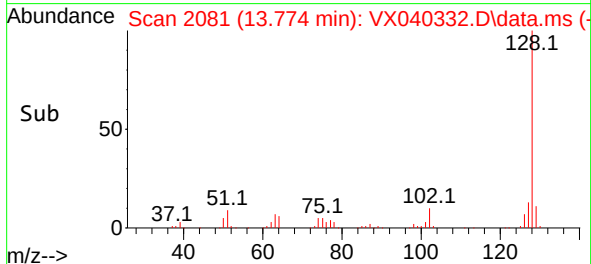
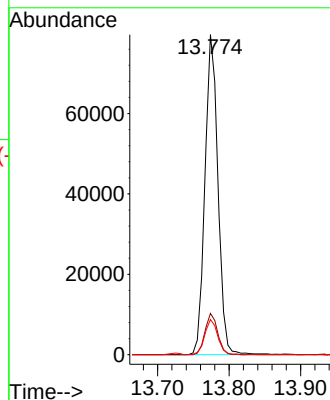
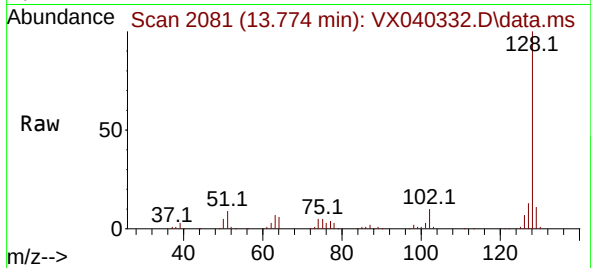
129 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 19.084 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX040332.D

Acq: 19 Feb 2024 15:49

Tgt Ion:180 Resp: 30083

Ion Ratio Lower Upper

180 100

182 96.8 46.9 140.6

145 35.1 17.8 53.5

